

CASSETTE RECEIVER

KRC-363D/L

SERVICE MANUAL

KENWOOD

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B51-3537-00 (O) 1432

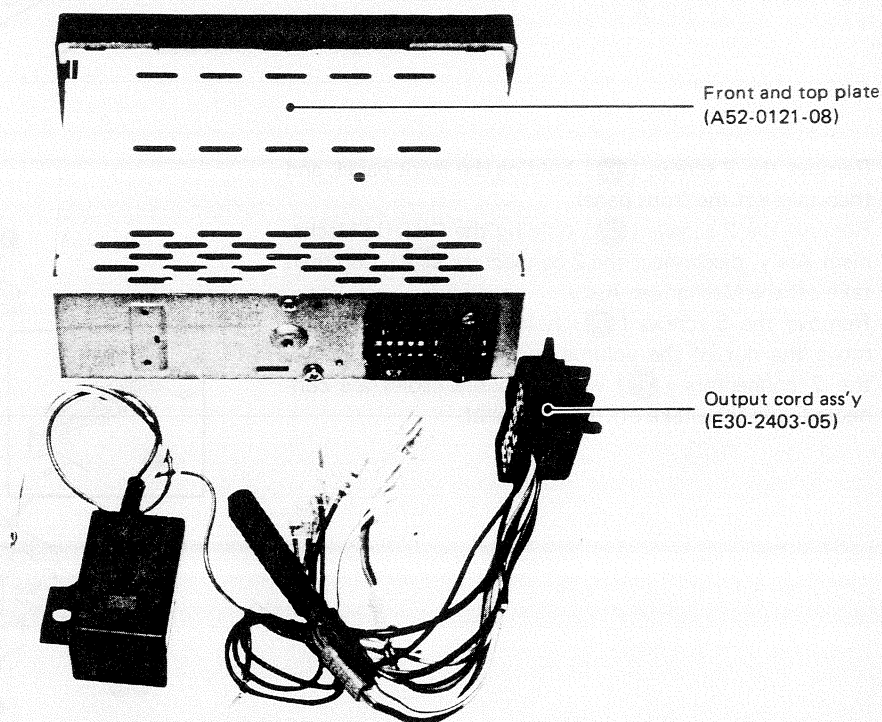
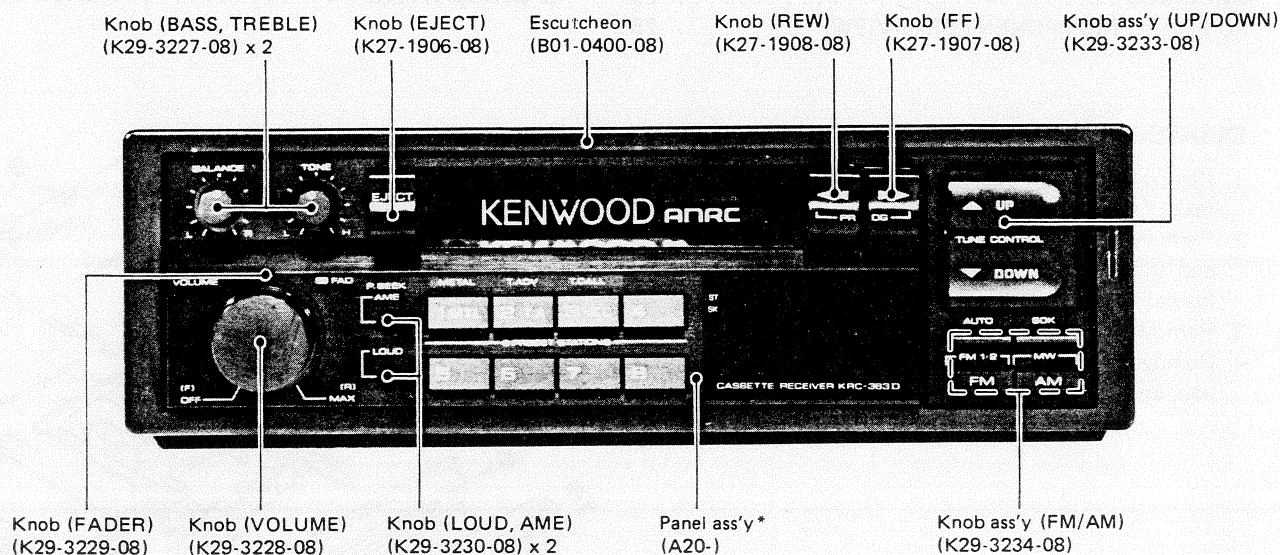


Photo is KRD-363D.

* Refer to parts list on page 43.

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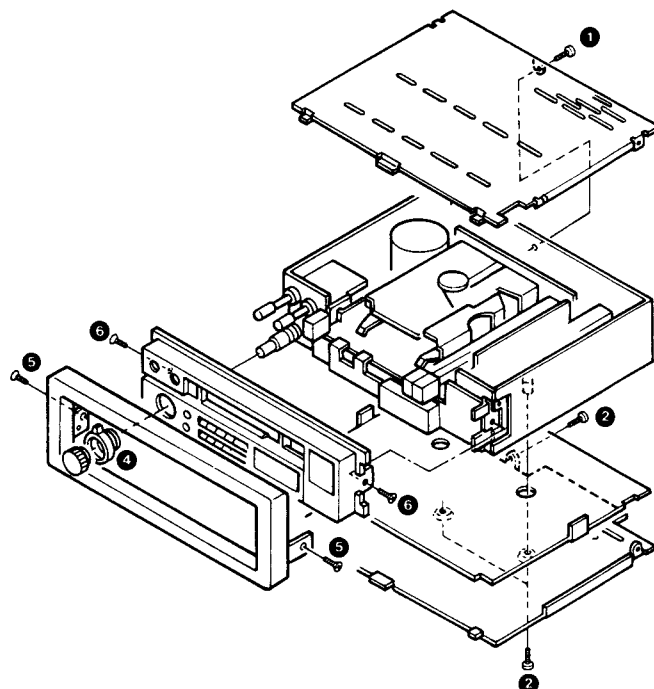
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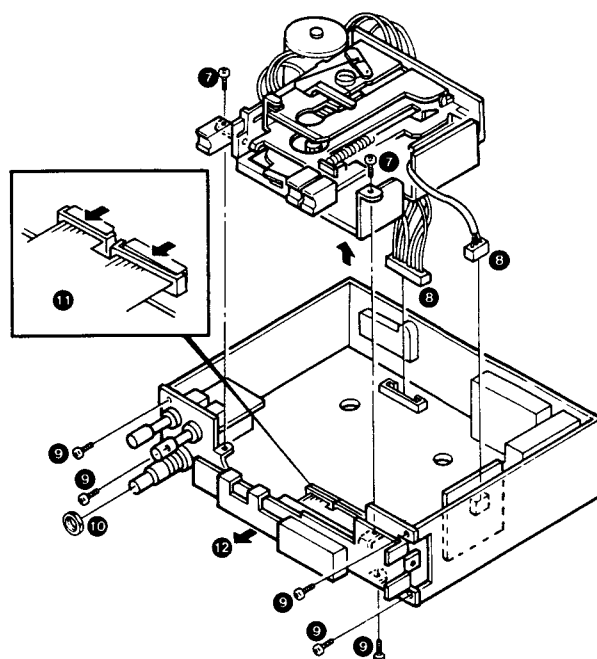
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SPECIFICATIONS	BACK COVER

DISASSEMBLY FOR REPAIR

1. Remove the screw (1) holding the top cover, and then take off the top cover.
2. Remove the 3 screws (2) holding the bottom cover, and then take off the bottom cover together with the insulating paper sheet.
3. Remove the Main Volume control knob (4).
4. Remove the 2 screws (5) holding the panel escutcheon, and then take off the escutcheon.



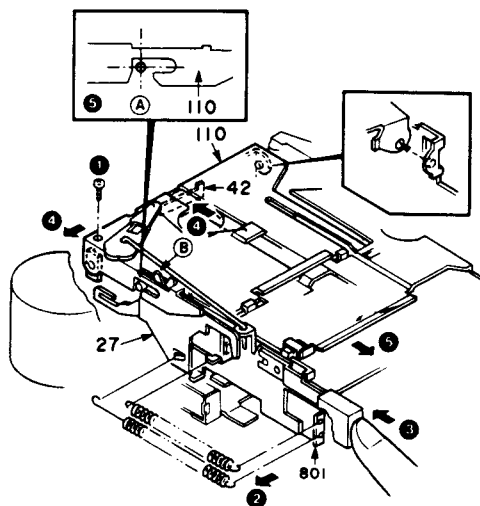
5. Remove the 2 screws (6) holding the front panel, and then take off the front panel.
6. Remove the 2 screws (7) holding the Cassette Mechanism Ass'y, disconnect the 2 connectors (8), and then take off the Mechanism Ass'y.
7. Remove the 5 screws (9) holding the sub-panel, remove the nut of the volume control (10), disconnect the 2 connectors (11) where flexible cables are connected, and then take off the sub-panel.



DISASSEMBLY FOR REPAIR

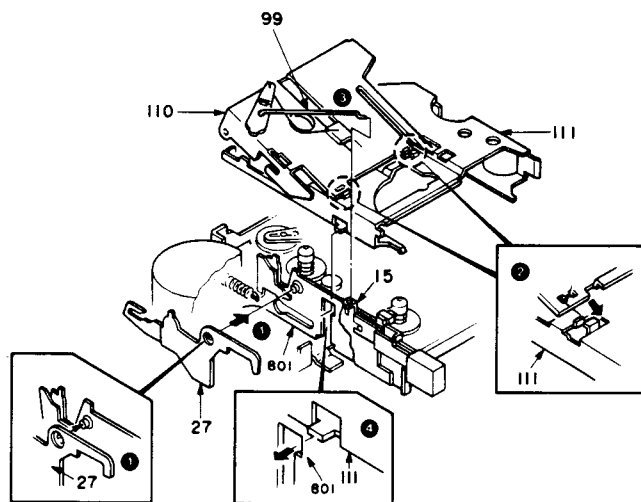
DISASSEMBLY OF HOLDER (ACTION PLATE)

1. Remove the screw (1) from the holder (action plate [110]).
2. Remove the two springs (2) from mechanism chassis (801).
3. Hold down the EJECT button (3) with one hand.
4. Press the lever (42) with your other hand, move the holder (action plate [110]) toward the motor, and remove the lever (42) from projection (B) of the mechanism chassis (801) (4).
5. Push the holder (action plate [110]) forward. When the projection of the arm (action [27]) reaches point (A), release the EJECT button (5).

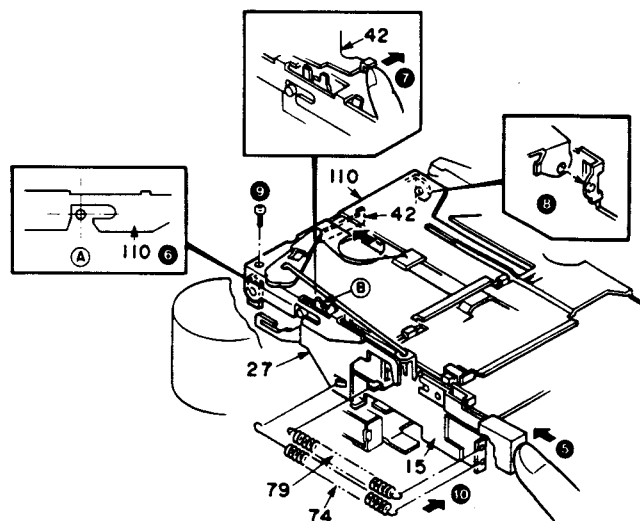


REASSEMBLY OF HOLDER (ACTION PLATE)

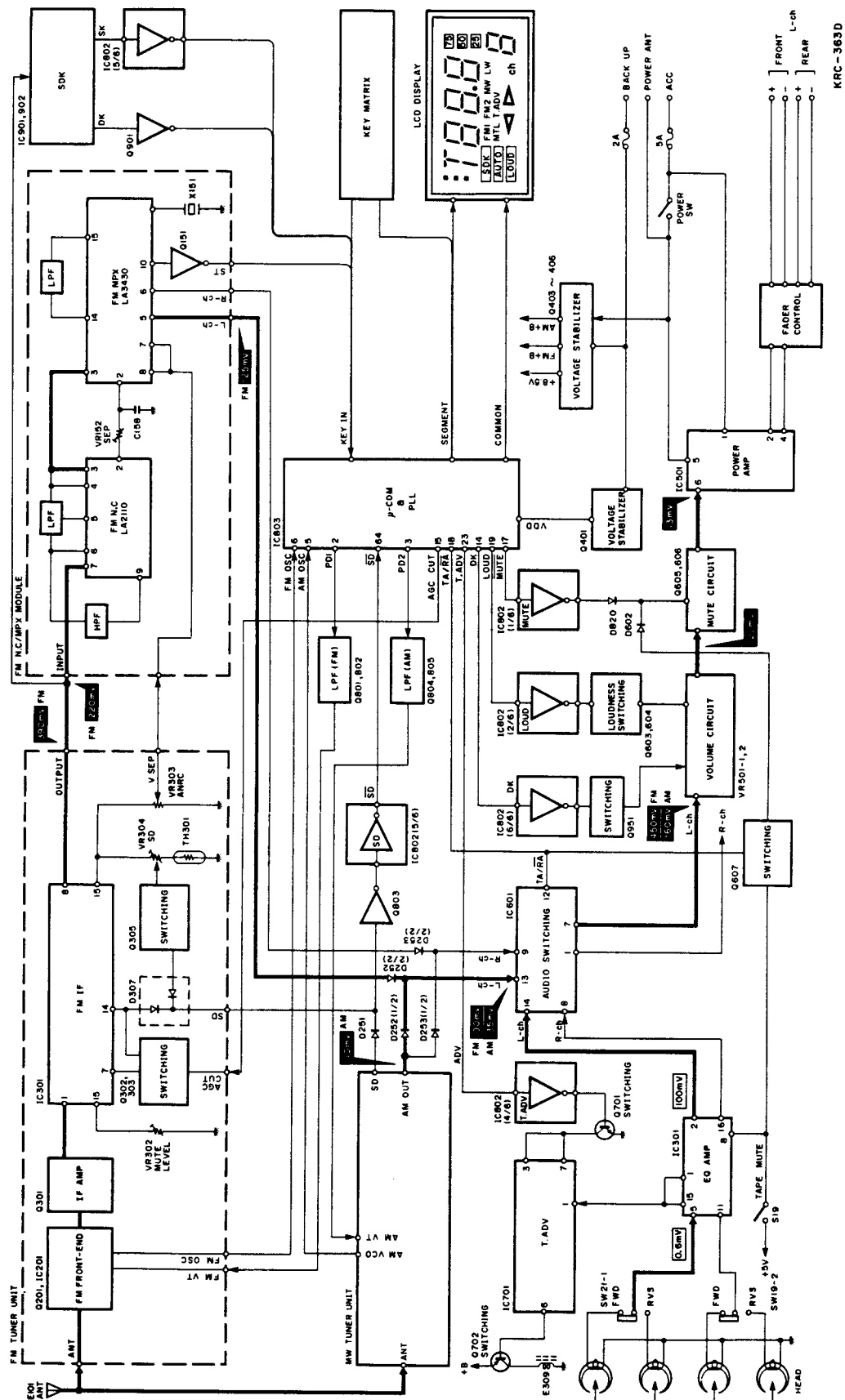
1. Align the projection of the mechanism chassis (801) with the hole in the arm (action [27]) (1).
2. Align the two tips (2) of the holder (action plate [110]) with the claws of the holder (cassette case [111]).
3. Insert the formed wire (99) (3) into the hole of the lever ass'y (EJECT) (15).
4. Align the left claw of the holder (cassette case [111]) with the mechanism chassis (4).



5. While holding the arm (action [27]) with one hand, push the EJECT button (5).
6. Insert the projection of the arm (action [27]) into point (A) in the side of the holder (action plate [110]) (6).
7. Push the lever (42) outward (7) take out the projection of the mechanism chassis (801) from the hole in the holder (action plate [110]). Release the EJECT button.
8. Align the projection (8) of the mechanism chassis (801) with the hole of holder (action plate [110]) with the screw.
9. Secure the holder (action plate [110]) with the screw (9).
10. Mount the tension springs (79) and (74) on the mechanism chassis (801) (10).



BLOCK LEVEL DIAGRAM



KRC-363D

CIRCUIT DESCRIPTION

Description of Components

MAIN UNIT

Component		Use/Function	Operation/Condition/Compatibility
Ref. No.	Parts No.		
IC501	TA7280P	Audio Power Amp.	2-ch, 5W x 2 / 4 ohms.
IC601	M51551P	Radio/Tape /AF Select	Dual 2-mode electronic switch.
IC801	BU4081BP	CMOS AND, 4 Lines	Used for FM ST/TAPE/FF/DIR matrix input.
IC802	BU4069	CMOS Inverter, 6 Lines	MUTE, LOUD, ADV and SD signal inversion from high to low.
IC803	μ PD1719-538	Microprocessor	System controller, PLL and LED driver.
Q251	DTC114Y	Switching (for MW STOP SENS set up)	VC-E = 3.5V during an MW seek operation, VC-E = 0V in STOP mode.
Q252	2SC2021	Switching (MW/LW select)	Turns ON in MW mode : VB-E = 0.6V, VC-E = 2.2V VC-E = 0V in LW mode. KRC-363L only.
Q401	2SC2021	Stabilizer (for the microprocessor)	Power supply for the microprocessor and CMOS ICs, VE = 5.6V.
Q402	2SD1225M	Switching (for the indicator lamp)	Turns ON when power is switched ON, VB-E = 0.6V (The indicator lamp lights.).
Q403	2SD1469	Switching (AM power supply)	Turns OFF in MW/LW mode, VE = 8.3V. Turns OFF in FM mode, VE = 0V.
Q404	2SA874	Switching (FM power supply)	Turns ON in FM mode, VE = 8.3V. Turns OFF in MW/LW mode.
Q405	2SD1225M	Stabilizer (Radio power supply)	Power supply for the radio, VE = 8.8V.
Q406	2SC2021	Switching (AM/FM power supply)	Turns ON in FM mode, VB-E = 0.6V, VC-E = 0V.
Q603	DTC143TF	Switching (loudness)	Turns OFF when the L-ch LOUDNESS is ON, VB-E = 0V.
Q604	DTC143TF	Switching (loudness)	Turns OFF when the R-ch LOUDNESS is ON, VB-E = 0V.
Q607	2SA937	Switching (Mute)	Cuts the mute signal in T:C mode.
Q801	2SC2021	FM LPF (low pass filter)	FM tuning voltage set, VE = 1.0 ~ 7.5V (fmin ~ fmax).
Q802	2SK246Y	FM LPF (low pass filter)	FM tuning voltage set.
Q803	2SC2021	Switching (Stop signal inverter)	For STOP signal inversion from high to low.
Q804	2SC2021	MW/LW LPF (low pass filter)	MW/LW tuning voltage set, VE = 1.0 ~ 8.0V (fmin ~ fmax).
Q805	2SK246Y	MW/LW LPF (low pass filter)	MW/LW tuning voltage set.
Q806	2SA937	Switching (DK interruption)	Turns OFF on DK interruption, microprocessor. KRC-363D only.
Q807	2SA937	Switching (SK)	Turns OFF during SK reception. KRC-363D only.
Q808	DTA114YF	Switching (microprocessor CE pin)	VC = 5V when power is turned ON, 0V when power is OFF.
Q809	2SC2021	Switching (microprocessor CE pin)	
Q951	2SD1469	Switching (DK min. output)	Switching for DK VR pull-up. Turns OFF when the DK signal is present. Turns ON when the DK signal is not present. KRC-363D only.

CIRCUIT DESCRIPTION

NOISECANCELLER-MPX UNIT

Component		Use/Function	Operation/Condition/Compatibility
Ref. No.	Parts No.		
E3	STK3401	FM Noise Canceller and MPX	Noise canceller, FM multiplexer, anti-multipath circuit.
IC701	AN6262N	T. ADV (tape advance)	
IC901	TDA1579	SDK processing	Traffic information processing (SK and DK output).
IC902	AN6556	Op amp.	For the BK signal filter.
Q151	DTC144EF	Switching (FM ST indicator)	Turns OFF when a stereo broadcast is received. For ST indicator signal inversion from high to low.
Q152	DTA114YF	Switching (FM MONO)	VB = 5V when the MONO switch is ON.
Q701	DTC114YF	Switching (T. ADV)	Turns OFF when the TA (tape) switch is ON, VB = 0V.
Q702	2SB822	Switching (Solenoid drive)	For the T. ADV solenoid drive.
Q901	DTC114YF	Switching	For the SK output DC inversion.

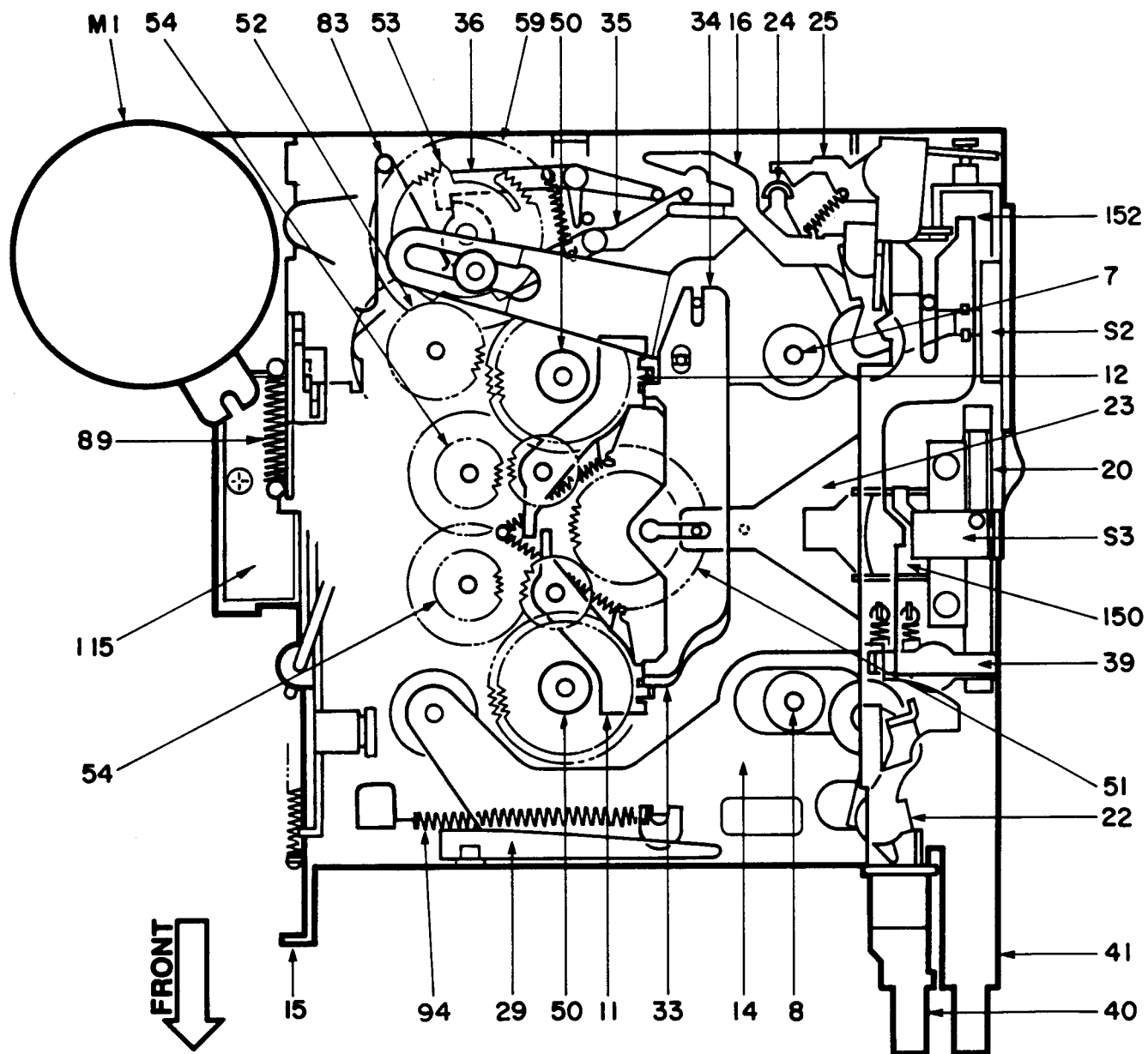
VOLUME UNIT

Component		Use/Function	Operation/Condition/Compatibility
Ref. No.	Parts No.		
Q605	2SD1469	Switching (Mute)	For audio muting in a preset or seek operation.
Q606	2SD1469	Switching (Mute)	For audio muting in a preset or seek operation.

PRE AMP UNIT

Component		Use/Function	Operation/Condition/Compatibility
Ref. No.	Parts No.		
IC301	BA3406AL	Head amp. 2-channel IC	Head amp. with equalizer and metal tape select circuit.

MECHANISM OPERATION DESCRIPTION

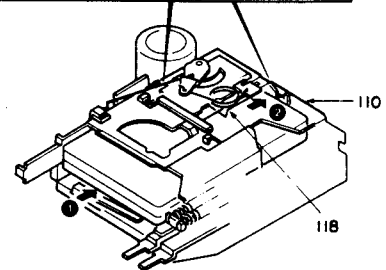
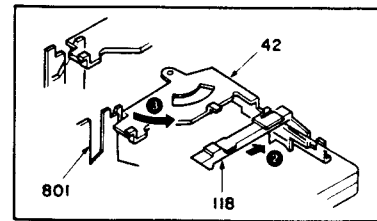


Parts Description (Front perspective view)

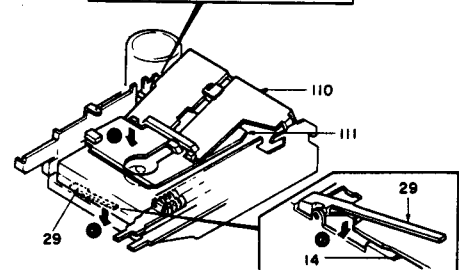
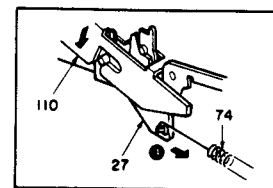
MECHANISM OPERATION DESCRIPTION

LOADING

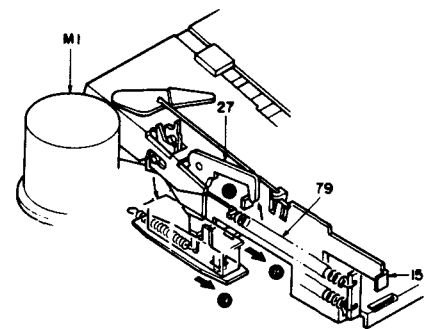
1. Insert a cassette tape (1).
2. The cassette guide (118) pushes the lever (reverse [42]) (2).
3. The lever (reverse [42]) turns in the direction of the arrow and releases the lock of the holder (action plate [110]) (3).



4. Through the lock release of the lever (reverse [42]), the arm (action [27]) is pulled by the tension spring (74), which turns the holder (action plate [110]). The holder (action plate) descends (4).
5. Through the descent of the holder (action plate [110]), the holder (cassette case [111]) also descends (5).
6. As the holder (cassette case [111]) descends, the cassette tape pushes the lever (lock plate [29]). The lever (lock plate [29]) then releases the lock of the lever assembly (head plate [14]) (6).

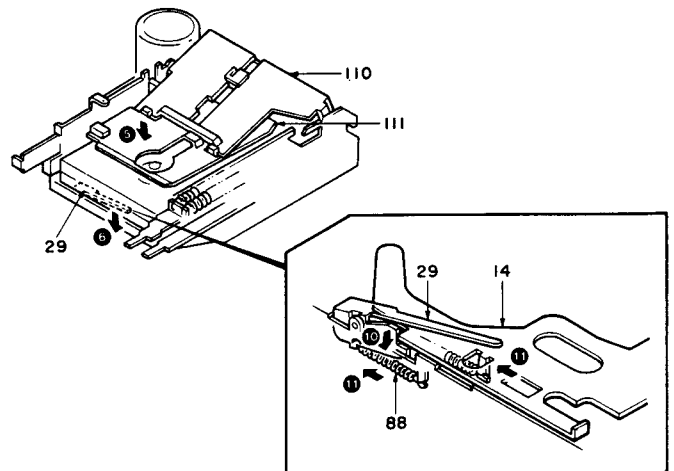


7. As the arm (action [27]) turns, the lock of the lever assembly (eject [15]) is released (7).
8. The lever assembly (eject [15]) is pulled by the tension spring (79) and moves forward (8).
9. Through the movement of the lever assembly (eject [15]), the lever (49) also moves forward and turns on the slide switch S1. As the slide switch S1 is turned on, electricity is supplied to the motor assembly (M1) (9).

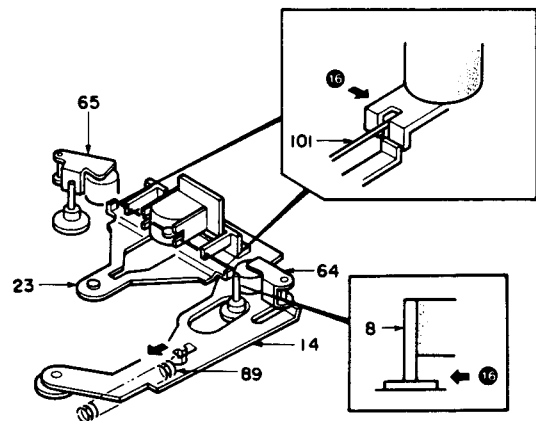


MECHANISM OPERATION DESCRIPTION

10. As the holder (cassette case [110]) descends, the cassette tape pushes the lever (lock plate [29]). The lever (lock plate [29]) then releases the lock of the lever assembly (head plate [14]) (1).
11. The lever assembly (head plate [14]) is pulled by the tension spring (89) and moves forward (2).

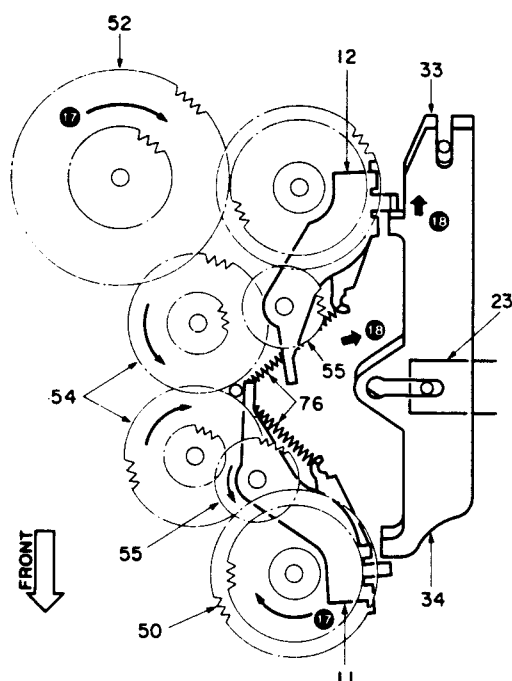


12. Through the forward movement of the lever assembly (head plate [14]), pinch roller assemblies (R & F [64, 65]) make close contact with the shaft of the flywheel assembly (R[8]) through the formed wire (101) (3).



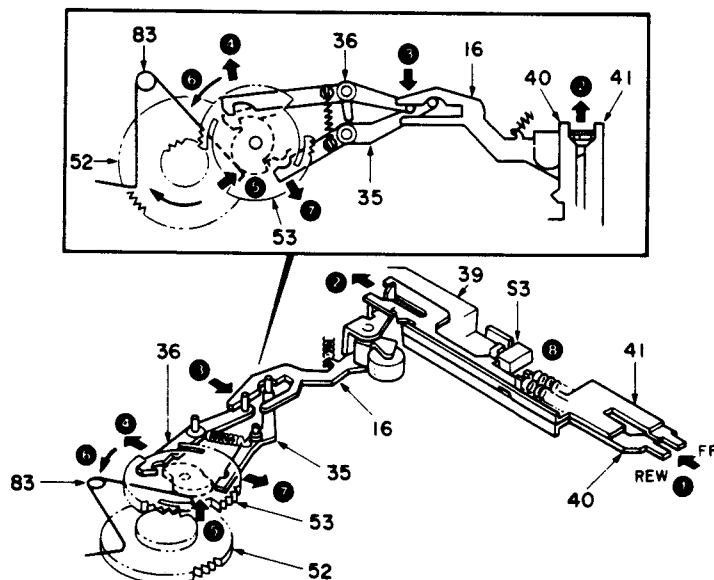
MECHANISM OPERATION DESCRIPTION

13. The rotation is transmitted from each gear (52 → 54 → 55) to the gear assembly (reel base [50]) of the take-up side (●).
14. The gear assembly (reel base [50]) of the pay-out side is pushed toward the slider assembly (12) by the lever (33) and the gear (take-up [55]) is disengaged in the direction of the arrow (●).



PROGRAM

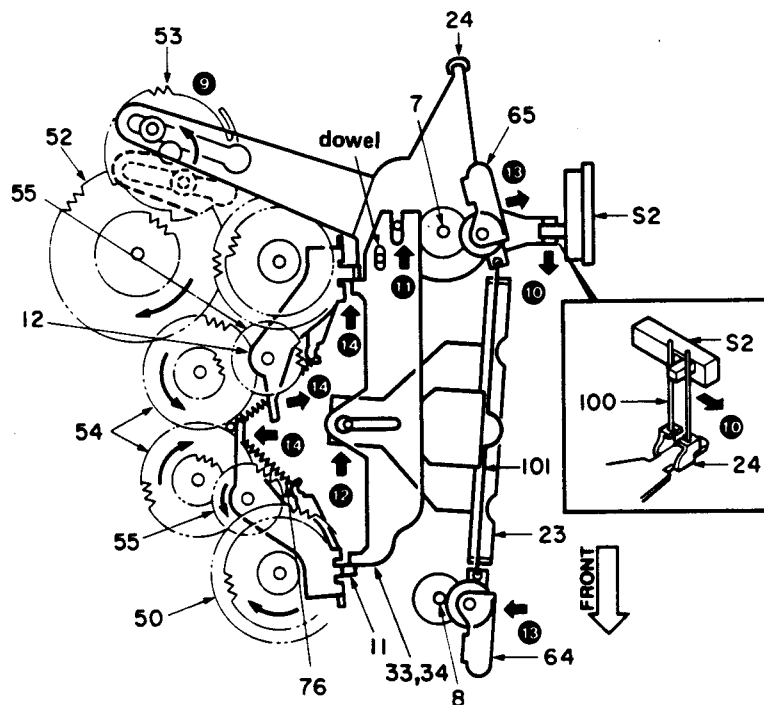
1. Push both levers (FR [40] and FR [41]) by hand at the same time (①).
2. The calking of the lever assembly (reverse [16]) is sandwiched between the lever (FR [40]) and the lever (FR [41]), and pushes the lever assembly (reverse [16]) (②).
3. The lever assembly (reverse [16]) moves the arm (36) (③).
4. The arm (36) releases the lock of the gear assembly (switch [53]) (④).
5. The torsion coil spring (83) pushes the cam of the gear assembly (switch [53]) in the direction of the arrow (⑤).
6. The gear assembly (switch [53]) is pushed by the torsion coil spring (83), turns in the direction of the arrow, engages in the gear assembly (take-up [52]), and makes a half-turn (⑥).
7. The arm (35) functions as a stop temporarily at this time; the stop is released when the reverse lever returns (⑦).
8. The muting during the program is done by the leaf switch S3 mounted on the lever assembly (side panel [39]) (⑧).



MECHANISM OPERATION DESCRIPTION

FROM FWD PLAY TO RVS PLAY

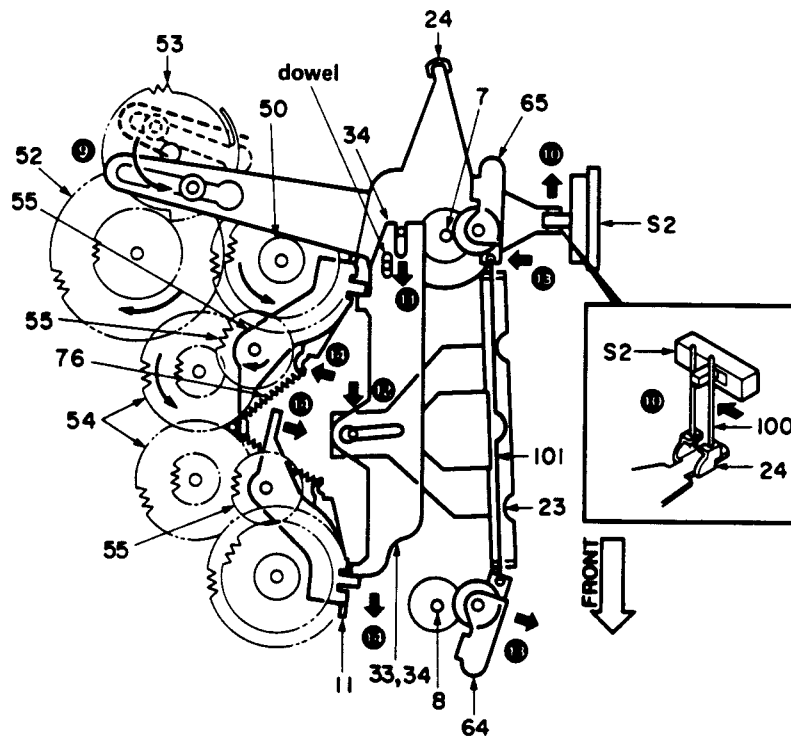
9. the gear assembly (switch [53]) moves the arm (24) from the FWD PLAY position to the RVS PLAY position through the movement of its boss (9).
10. Through the movement of the arm (24), the slide switch S2 is switched by the formed wire spring (100) (●).
11. The arm (24) moves the lever (33). The lever on it (34) moves at the same time through the dowel on the lever (33) (●).
12. The lever (33) moves the arm (23) (●).
13. Through the formed wire (PR [101]) of the arm (23), the pinchroller assembly (R [64]) contacts the shaft of the flywheel assembly (R [8]), and the pinch roller assembly (F [65]) is detached from the shaft of the flywheel assembly (F [7]) (●).
14. Through the movement of the lever (33) in the direction of the arrow (●), the gear (take-up [55]) attached to the slider assembly (11) is pushed by the lever (33), and the rotation is removed from the gear (take-up [54]).
Through the movement of the lever (33) in the direction of the arrow (●), the gear (take-up [55]) attached to the slider assembly (11) is pulled by the tension spring (76), engages with the gear (take-up [54]), and the rotation is transmitted from the gear assembly (52→54→55→50) (●).



MECHANISM OPERATION DESCRIPTION

FROM RVS PLAY TO FWD PLAY

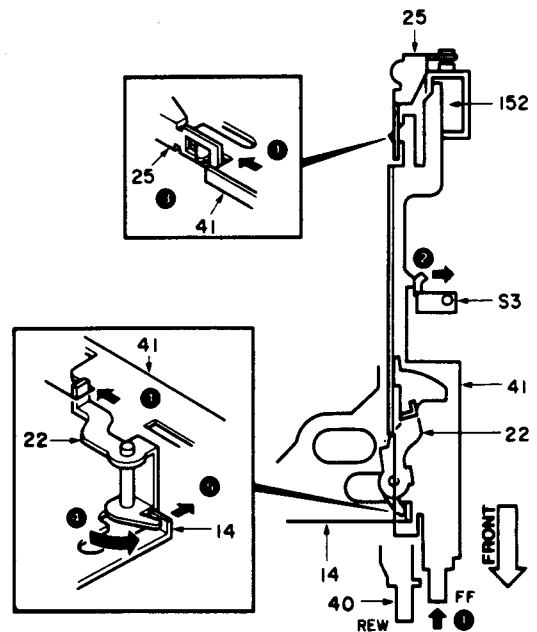
9. The gear assembly (switch [53]) moves the arm (24) from the FWD PLAY position to the RVS PLAY position through the movement of its boss (9).
10. Through the movement of the arm (24), the slide switch S2 is switched by the formed wire spring (100) (10).
11. The arm (24) moves the lever (34). The lever under it (33) moves at the same time through the dowel or the lever (34) (11).
12. The lever (34) moves the arm (23) (12).
13. Through the formed wire spring (PR [101]) of the arm (23), the pinchroller assembly (F [65]) contacts the shaft of the flywheel assembly (F [7]), and the pinch roller assembly (R [64]) is detached from the shaft of the flywheel assembly (R [8]) (13).
14. Through the movement of the lever (33) in the direction of the arrow (14), the gear (take up [55]) attached to the slider assembly (11) is pushed by the lever (33), and the rotation is removed from the gear (take-up [54]).
Through the movement of the lever (33) in the direction of the arrow (15), the gear (take-up [55]) attached to the slider assembly (11) is pulled by the tension spring (76), engages with the gear (take up [54]), and the rotation is transmitted from the gear assembly (52→54→55→50) (15).



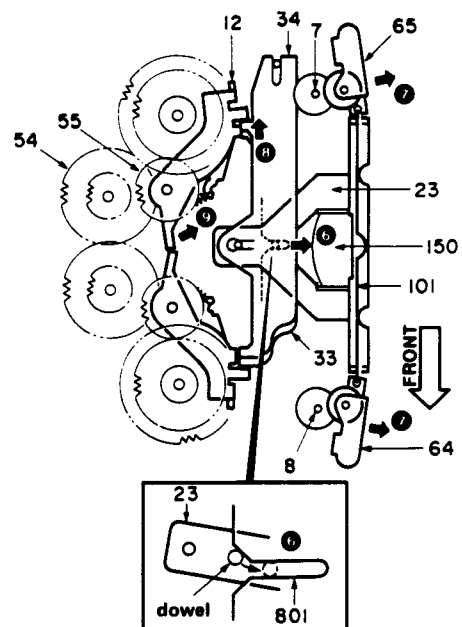
MECHANISM OPERATION DESCRIPTION

FF

1. Push the lever (FR [41]) (1).
2. Pushing the lever (FR [41]) makes the leaf switch S3 turn on and muting is applied (2).
3. The lever (FR [41]) is locked by the arm (FR release [25]) (3).
4. By pushing the lever (FR [41]), the lever (FR cam [22]) is pushed in the direction of the arrow (4).
5. Through being pushed, the lever (FR cam [22]) moves the lever assembly (head plate [14]) backward a little. Through the backward movement of the lever assembly (head plate [14]), the playback head (150) also moves backward a little (5).

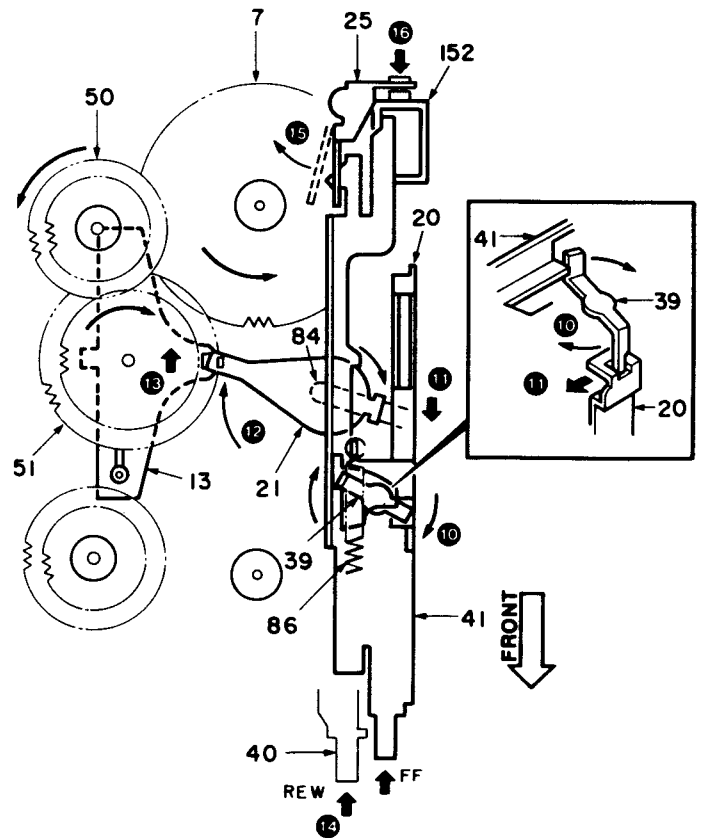


6. The arm (23) is slightly at an angle to the lever (34); however, through the backward movement of the lever assembly (head plate [14]), the arm (23) moves backward, its dowel being guided by the slot in the mechanism chassis (801) (6).
7. By moving the arm (23) backward, the pinch roller assembly (R [64]) and the pinch roller assembly (F [65]) move backward from the shafts on the flywheel assembly (F [7]) and the flywheel assembly (R [8]) through a formed wire spring (101) (7).
8. Through the backward movement of the dowel on the arm (23), the lever (34) moves in the direction of the arrow (8).
9. The gear (take-up [55]) attached to the slider assembly (B [12]) disengages from the gear (take-up [54]), and the take-up torque is removed (9).



MECHANISM OPERATION DESCRIPTION

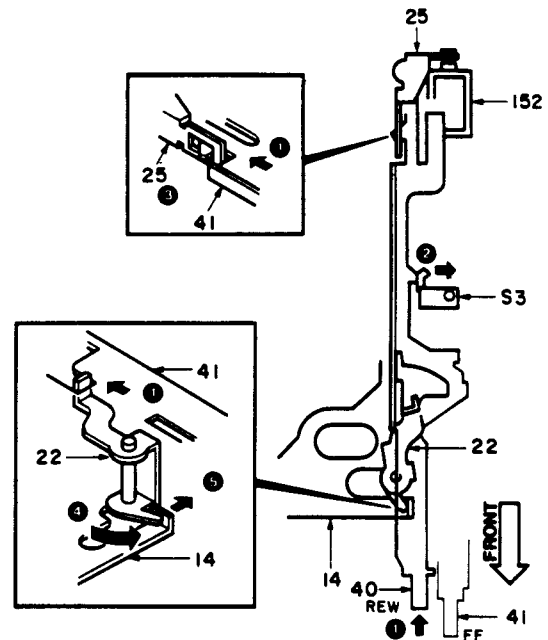
10. Meanwhile, through pushing the lever (FR [41]), the calking lever attached to the lever assembly (side panel [39]) is pushed by the lever (FR [41]) (●).
11. Through pushing the calking lever, the lever (FR cam [20]) moves forward (●).
12. Through the forward movement of the lever (FR cam [20]) the torsion coil spring (84) and the lever (FR cam [21]) turn in the direction of the arrow (●).
13. Through the turning of the lever (FR cam [21]), the gear assembly (FR gear [51]) attached to the lever assembly (FR [13]) engages with the gear of the flywheel assembly (F [7]) and turns the gear of the gear assembly (FR gear) in the direction of the arrow (●).
14. To release FF, slightly depress the lever (FR [40]) (●).
15. By depressin the lever (FR [40]), the arm (FR release [25]) moves, and the lever (FR [41]) returns by the tension of the tension spring (86) (●).
16. In the operation of T.ADV, electricity is supplied to the solenoid (152), which attracts the arm (FR release [25]). The lock on the arm (FR release [25]) is released, FF is released and FWD PLAY is engaged (●).



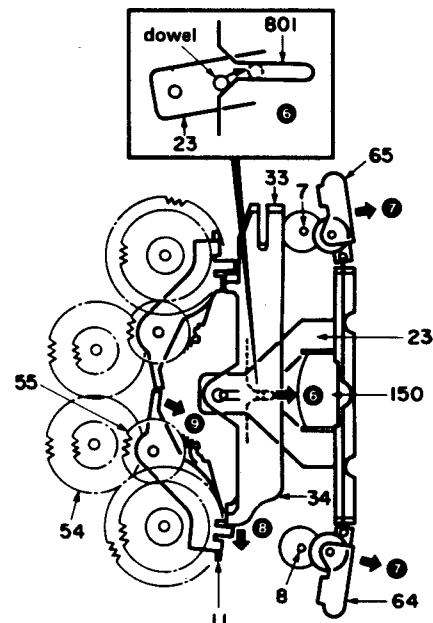
MECHANISM OPERATION DESCRIPTION

REW

1. Push the lever (FR [40]) (1).
2. Pushing the lever (FR [40]) closes the leaf switch S3 and muting is applied (2).
3. The lever (FR [40]) is locked by the arm (FR release [25]) (3).
4. By pushing the lever (FR [40]), the lever (FR cam [22]) is pushed in the direction of the arrow (4).
5. Through being pushed, the lever (FR cam [22]) moves the lever assembly (head plate [14]) backward a little. Through the backward movement of the lever assembly (head plate [14]), the playback head (150) also moves backward a little (5).

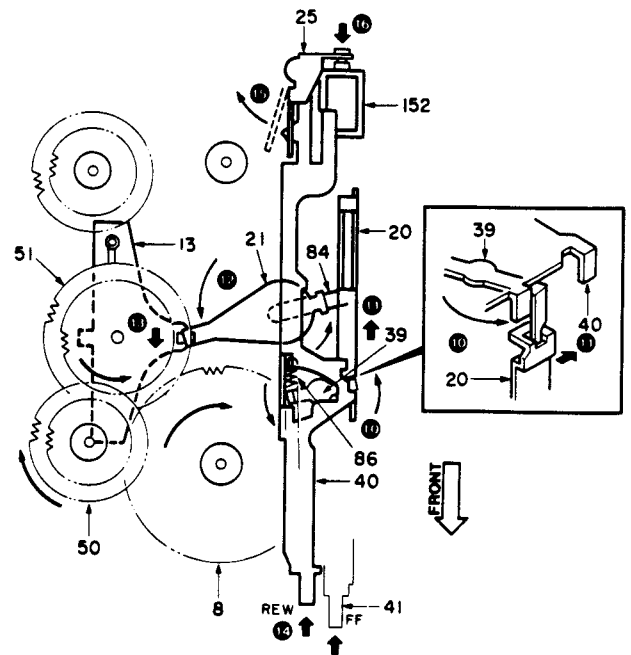


6. The arm (23) is slightly at an angle to the lever (34); however, through the backward movement of the lever assembly (head plate [14]), the arm (23) moves backward, its dowel being guided by the slot in the mechanism chassis (801) (6).
7. Through the backward movement of the arm (23), the pinch roller assembly (F [7]) and the pinch roller assembly (R [8]) move backward from the shafts of the flywheel assembly (F [7]) and the flywheel assembly (R [8]) (7).
8. Through the backward movement of the dowel on the arm (23), the lever (34) moves in the direction of the arrow (8).
9. The gear (take-up [55]) attached to the slider assembly (A [11]) disengages from the gear (take-up [54]), and the take-up torque is removed (9).



MECHANISM OPERATION DESCRIPTION

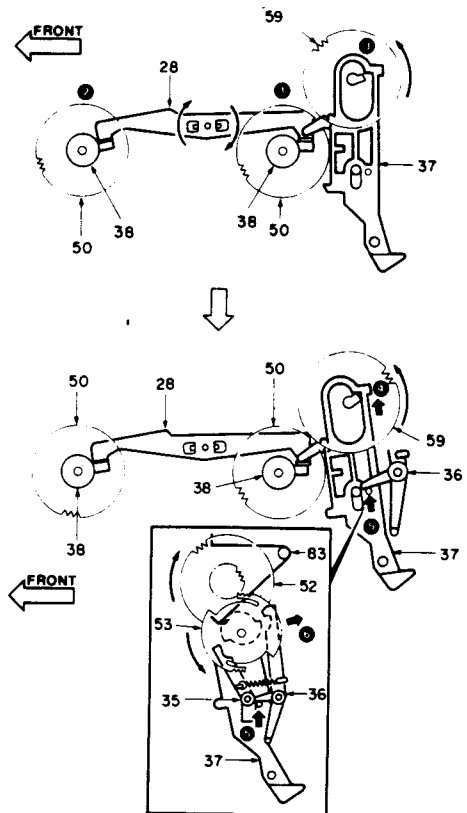
10. Meanwhile, through pushing the lever (FR [40]), the calking lever attached to the lever assembly (side panel [39]) is pushed by the lever (FR [40]) (●).
11. By pushing the calking lever, the lever (FR cam [20]) moves backward (●).
12. By the backward movement of the lever (FR cam [20]), the torsion coil spring (84) and the lever (FR cam [21]) turn in the direction of the arrow (●).
13. Through the turning of the lever (FR cam [21]), the gear assembly (FR gear [51]) attached to the lever assembly (FR [13]) engages with the gear of the fly wheel assembly (R [8]) and turns the gear of the gear assembly (FR gear [51]) in the direction of the arrow (●).
14. To release REW, slightly depress the lever (FR [41]) (●).
15. By depressing the lever (FR [41]), the arm (FR release [25]) moves, and the lever (FR [40]) returns by the tension of the tension spring (86) (●).
16. In the operation of T.ADV, electricity is supplied to the solenoid (152), which attracts the arm (FR release [25]). The lock on the arm (FR release [25]) is released, REW is released, and RVS PLAY is engaged (●).



MECHANISM OPERATION DESCRIPTION

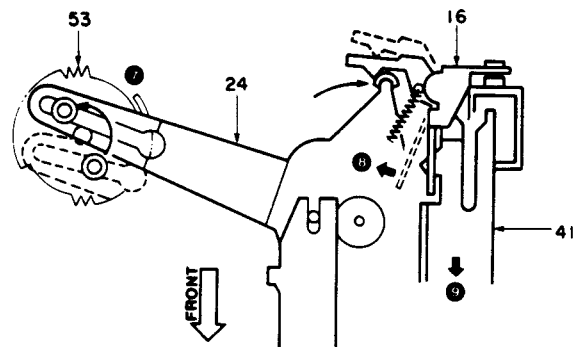
AUTO REVERSE

1. During FWD PLAY, when the rotation of the gear assembly (reel base [50]) of the take-up side stops at the end of the tape, the lower lever (sensor [38]) stops pushing the lever (sensor [28]) (1).
2. The operation for RVS PLAY is the same as that for FWD PLAY (2).
3. These end sensors on the take-up side stop pushing the end sensor lever (3).
4. The lever (sensor [37]) moves forward, riding on the cam of the gear (switch [59]) (4).
5. Through the forward movement of the lever (sensor [37]), its boss pushes the arm (36) (5).
6. The arm (36) releases the lock of the gear (switch [53]), the gear assembly (switch [53]) is pushed by the torsion coil spring (83), and engages with gear assembly (take-up [52]) (6).



7. The gear (switch [53]) makes a half-turn, and operates the program (7).
8. At the tape end during the operation of FF or FWD, the end sensor is activated, and the arm (24) moves the lever (reverse [16]) during the program operation (8).
9. The level (FR [41]) and the lever (FR [40]) are released (9).

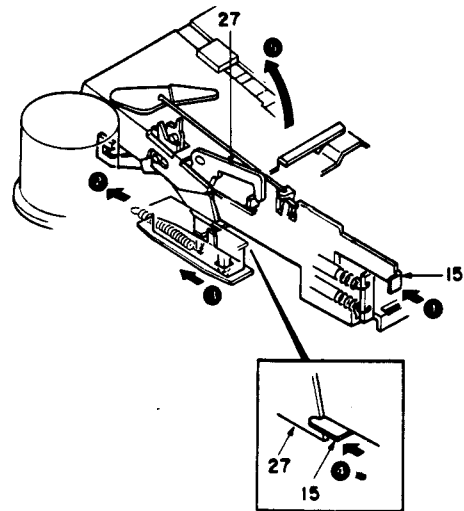
* The rotation of the gear assembly (reel base [50]) resets the lever (sensor [37]). The cam of the gear (switch [49]) pushes the lever (sensor [37]) to set it. After a half-turn of the cam of the gear assembly (switch [59]), the lever (sensor [37]) moves forward.



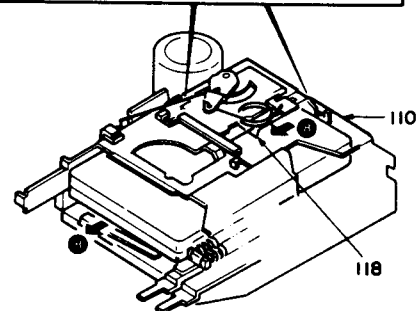
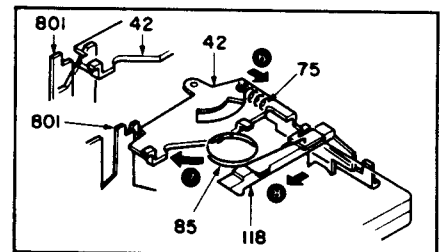
MECHANISM OPERATION DESCRIPTION

EJECT

1. Push the lever assembly (eject [15]) (①).
2. By pushing the lever assembly (eject [15]), the torsion coil spring (95) pushes the lever (49) (②).
3. Through pushing the lever (49), the slide switch S1 is turned off, and the lever assembly (head plate [14]) moves backward in the KEY OFF operation (③).
4. The lever assembly (eject [15]) pushes and turns the arm (action [27]) (④).
5. By turning, the arm (action) pushes up the holder (action plate [110]) (⑤).



6. When the holder (action plate [110]) is pushed up, the lever (reverse [42]) is pulled by the tension spring (75) and turns (⑥).
7. In turning, the lever (reverse [42]) is put on the lever of the mechanism chassis (801) (⑦).
8. The cassette guide (118) is pushed forward by the torsion coil spring (85), and the cassette tape is ejected (⑧).

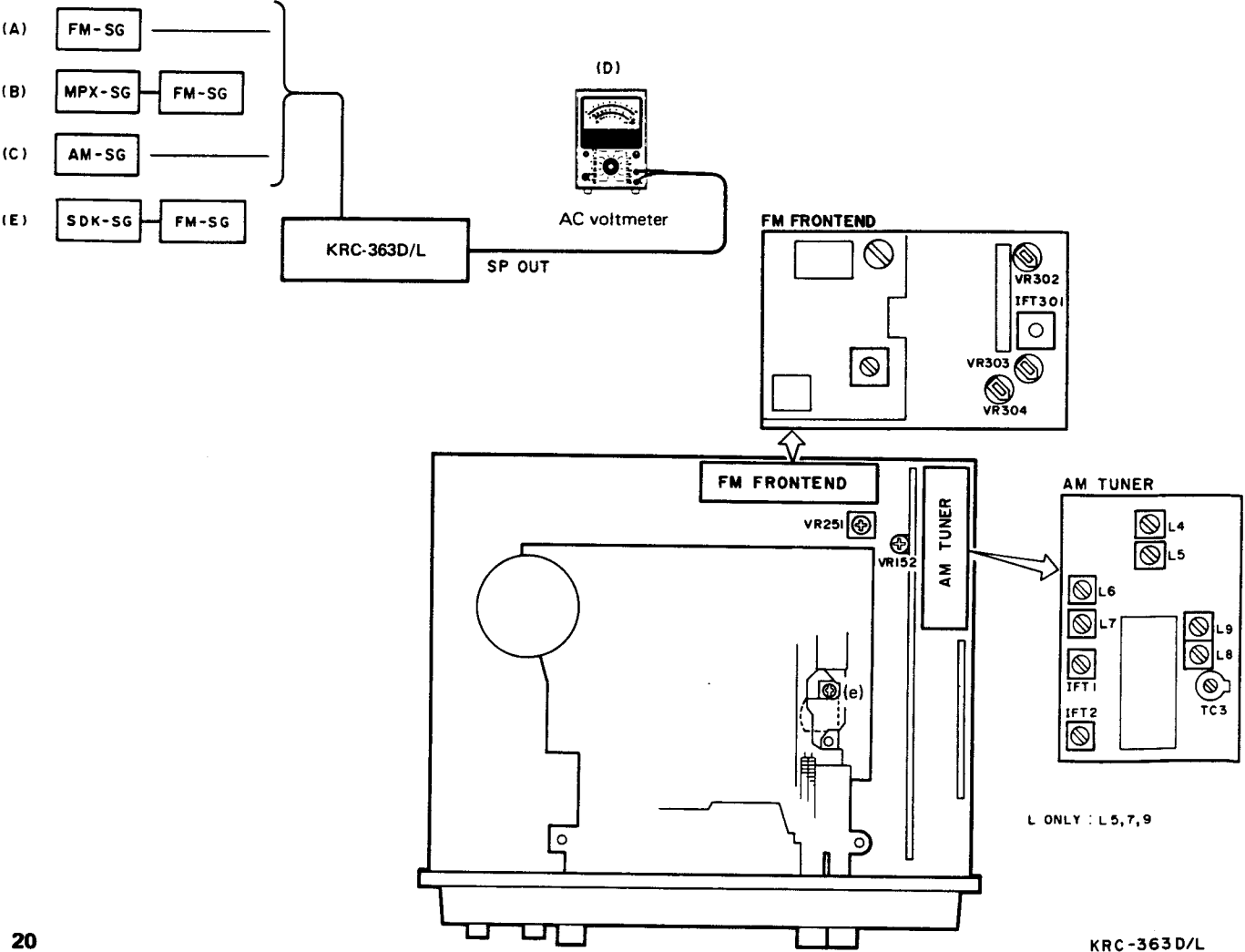


ADJUSTMENT

No.	ITEM	INPUT SETTINGS	OUTPUT SETTINGS	TUNER SETTINGS	ALIGNMENT POINTS	ALIGN FOR	FIG.
FM SECTION							
1	DISCRIMINATOR	(A) 98.1MHz 1kHz±40kHz dev 60dBμ(Ant input)	Connect an oscilloscope to pins 7 and 13 of IC301(DC 50mV).	FM 98.1MHz	IFT301	0V	(a)
2	SOFT MUTE RATIO	(A) 98.1MHz 1kHz±40kHz dev 60dBμ(Ant input)	(D) Connect an AC Voltmeter to SP output.	FM 98.1MHz	VR302	Difference between 60dBμ input and 20dBμ input levels: 25dB	
3	AUTO STOP LEVEL	(A) 98.1MHz 1kHz±40kHz dev 20dBμ(Ant input)	Connect a DC Voltmeter between pin 4 of IC802 (TC4069UBP) and GND.	FM 98.1MHz	VR304	Point at which DC 4.5V changes to 0V	(b)
4	SEPARATION	(B) 98.1MHz 1kHz±40kHz dev Pilot: ±6kHz dev Selector: L or R 60dBμ(Ant input)	(D) Connect an AC Voltmeter to SP output. (Reference level: 2V/4Q)	FM 98.1MHz	VR152	Minimum crosstalk	
5	ANRC	(B) 98.1MHz 1kHz±40kHz dev Pilot: ±6kHz dev Selector: L or R 35dBμ(Ant input)	(D) Connect an AC Voltmeter to SP output. (Reference level: 2V/4Q)	FM 98.1MHz	VR303	Separation: 10dB	
SDK SECTION							
6	DK LEVEL	(E) 98.1MHz 0 mod SK 5.33% DK 30% BK 60% 60dBμ(Ant input)	Connect the AC voltmeter to TP1.	FM 98.1MHz SDK:OFF	L901 VR901	Maximum output	(c)
7	SDK VOLUME LEVEL	(E) 98.1MHz 1kHz±40kHz dev SK 5.33% DK 30% BK 60% 60dBμ(Ant input)	(B)	FM 98.1MHz VOLUME:0	VR951	400mV	
After the ANRC adjustment, perform the separation.							
MW SECTION Note 1: If the sensitivity is too low to make adjustments, increase the ANT input as required. Make adjustments at an input level at which the AGC does not operate.							
(1)	BAND EDGE	—	Connect a DC Voltmeter between the VT terminal of the AN tuner unit (pin 3) and GND.	531kHz	L8	DC 1.3V	(d)
(2)	IF	(C) 531kHz 400Hz 30% MOD 30dBμ(Ant input) Note 1	(D) Connect an AC Voltmeter to SP output.	531kHz	IFT1 IFT2	Maximum output	
(3)	RF ALIGNMENT(1)	(C) 603kHz 400Hz 30% MOD 30dBμ(Ant input) Note 1	(D) Connect an AC Voltmeter to SP output.	603kHz	L4 L6	Maximum output	
(4)	RF ALIGNMENT(2)	(C) 1530kHz 400Hz 30% MOD 30dBμ(Ant input) Note 1	(D) Connect an AC Voltmeter to SP output.	1530kHz	TC3	Maximum output	
(5)	AUTO STOP LEVEL	(C) 999kHz 400Hz 30% MOD 32dBμ(Ant input)	Connect a DC Voltmeter between pin 4 of IC802 (TC4069UBP) and GND.	999kHz	VR251	Point at which DC 4.5V changes to 0V	(b)

ADJUSTMENT

No.	ITEM	INPUT SETTINGS	OUTPUT SETTINGS	TUNER SETTINGS	ALIGNMENT POINTS	ALIGN FOR	FIG.
LW SECTION							
<1>	BAND EDGE	—	Connect a DC Voltmeter between the VT terminal of the AM tuner unit (pin 3) and GND.	153kHz	L9	DC 1.6V	(d)
<2>	RF ALIGNMENT	(C) 220kHz 400Hz 30% MOD 30dBμ(ANT input) Note 1	(D) Connect an AC Voltmeter to SP output.	220kHz	L5 L7	Maximum output	
CASSETTE DECK SECTION							
[1]	DEMAGNETIZATION AND CLEANING	—	—	Power OFF	Recording head Capstan Pinch roller	Demagnetize the recording head with the head demagnetizer. Clean the recording head, revase head, capstan, and pinch roller with alcohol.	
[2]	AZIMUTH	MTT-256 10kHz, -20dB	(D)	PLAY	Azimuth adjustment screw	Adjust the azimuth adjustment screw so that maximum output is obtained.	(e)

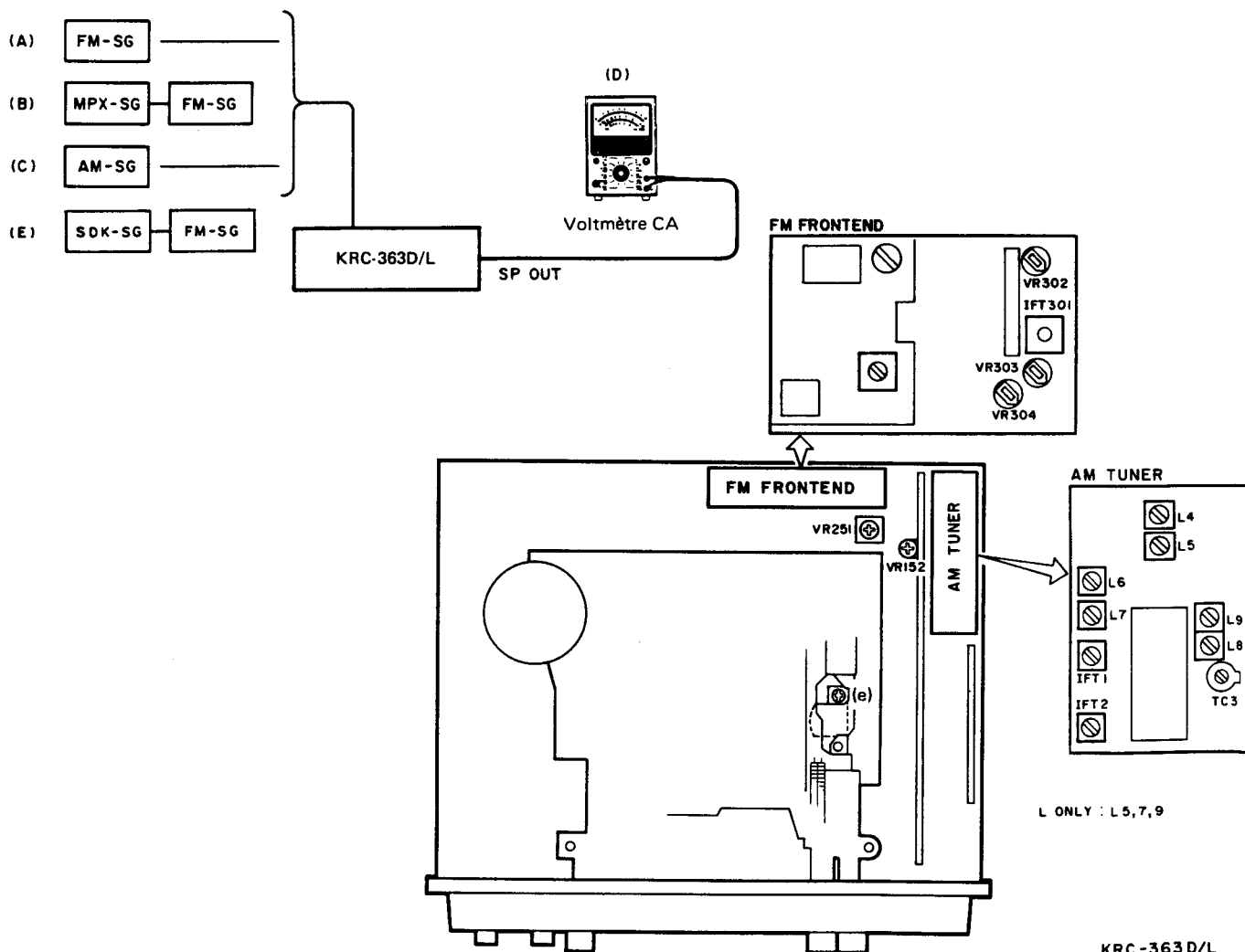


REGLAGE

N°	ITEM	REGLAGE DE L'ENTREE	REGLAGE DE LA SORTIE	REGLAGE DU TUNER (AMPLI TUNER)	POINTS DE L'ALIGNEMENT	ALIGNER POUR	FIG.
SECTION MF							
1	DISCRIMINATEUR	(A) 98,1MHz 1kHz±40kHz dév 60dBμ(Entrée ANT)	Connecter un oscilloscope aux broches 7 et 13 de IC301 (DC 50mV).	FM 98,1MHz	IFT301	0V	(a)
2	RAPPORT "SOFT MUTE"	(A) 98,1MHz 1kHz±40kHz dév 60dBμ(Entrée ANT)	(D) Connecter un voltmètre à la sortie SP.	FM 98,1MHz	VR302	Différence entre les niveaux d'entrée 60dBμ et 20dBμ : 25dB	
3	NIVEAU ARRET AUTOMATIQUE	(A) 98,1MHz 1kHz±40kHz dév 20dBμ(Entrée ANT)	Connecter un voltmètre DC entre la broche 4 de IC802(TC4069UBP) et GND	FM 98,1MHz	VR304	Point sur lequel DC 4,5V charge sur 0V	(b)
4	SEPARATION	(B) 98,1MHz 1kHz±40kHz dév Pilote: 6kHz dév Sélection: L ou R 60dBμ(Entrée ANT)	(D) Connecter un voltmètre à la sortie SP. (Niveau de référence: 2V/4Q)	FM 98,1MHz	VR152	Transmodulation minimum	
5	ANRC	(B) 98,1MHz 1kHz±40kHz dév Pilote: 6kHz dév Sélection: L ou R 35dBμ(Entrée ANT)	(D) Connecter un voltmètre à la sortie SP. (Niveau de référence: 2V/4Q)	FM 98,1MHz	VR303	Séparation: 10dB	
SECTION SDK							
6	NIVEAU DE DK	(E) 98,1MHz 0 mod SK 5,33% DK 30% BK 60% 60dBμ(Entrée ANT)	Connecter un voltmètre CA à la TP1.	FM 98,1MHz SDK:OFF	L901 VR901	Sortie maximum	(c)
7	NIVEAU DE SDK VOLUME	(E) 98,1MHz 1kHz±40kHz dév SK 5,33% DK 30% BK 60% 60dBμ(Entrée ANT)	(B)	FM 98,1MHz VOLUME:0	VR951	400mV	
Après le réglage ANRC, effectuer à nouveau le réglage de séparation.							
SECTION MW Note 1: Si la sensibilité est trop basse pour effectuer des réglages, augmenter le niveau d'entrée comme requis. Effectuer les réglages d'entrée auxquels l'AGC ne fonctionne pas.							
(1)	BORD DE BAND	—	Connecter un voltmètre DC entre la borne VT du syntonisateur AM (broche 3) et GND.	531kHz	L8	DC 1,3V	(d)
(2)	IF	(C) 531kHz 400Hz 30% MOD 30dBμ(entrée ANT) Note 1	(D) Connecter un voltmètre CA à la sortie SP.	531kHz	IFT1 IFT2	Sortie maximum	
(3)	ALIGNEMENT H.T. (1)	(C) 603kHz 400Hz 30% MOD 30dBμ(entrée ANT) Note 1	(D) Connecter un voltmètre CA à la sortie SP.	603kHz	L4 L6	Sortie maximum	
(4)	ALIGNEMENT H.T. (2)	(C) 1530kHz 400Hz 30% MOD 30dBμ(entrée ANT) Note 1	(D) Connecter un voltmètre CA à la sortie SP.	1530kHz	TC3	Sortie maximum	
(5)	NIVEAU ARRET AUTOMATIQUE	(C) 999kHz 400Hz 30% MOD 32dBμ(entrée ANT)	Connecter un voltmètre DC entre la broche 4 de IC802(TC4069UBP) et GND.	999kHz	VR251	Point sur lequel DC 4,5V charge sur 0V	(b)

REGLAGE

N°	ITEM	REGLAGE DE L'ENTREE	REGLAGE DE LA SORTIE	REGLAGE DU TUNER (AMPLI TUNER)	POINTS DE L'ALIGNEMENT	ALIGNER POUR	FIG.
LW SECTION							
<1>	BORD DE BANDE	—	Connecter un voltmètre DC entre la borne VT du syntonisateur AM (broche 3) et GND.	153kHz	L9	DC 1,6V	(d)
<2>	TRACKING	(C) 220kHz 400Hz 30% MOD 30dBu(entrée ANT) Note 1	(D) Connecter un voltmètre CA à la sortie SP.	220kHz	L5 L7	Sortie maximum	
SECTION DU MAGNETPHONE							
[1]	DÉMAGNÉTISATION ET NETTOYAGE	—	—	Power OFF	Tête d'enregistrement Cabestan Galet presseur	Démagnétiser la tête d'enregistrement avec un démagnétiseur de tête. Nettoyer la tête d'enregistrement, la tête d'effacement, le cabestan et le galet presseur avec de l'alcool.	
[2]	AZIMUT	MTT-256 10kHz, -20dB	(D)	PLAY	Vis de réglage de l'azimut	Ajuster la vis de réglage de l'azimut de telle manière que l'on puisse obtenir un niveau de sortie maximum.	(e)

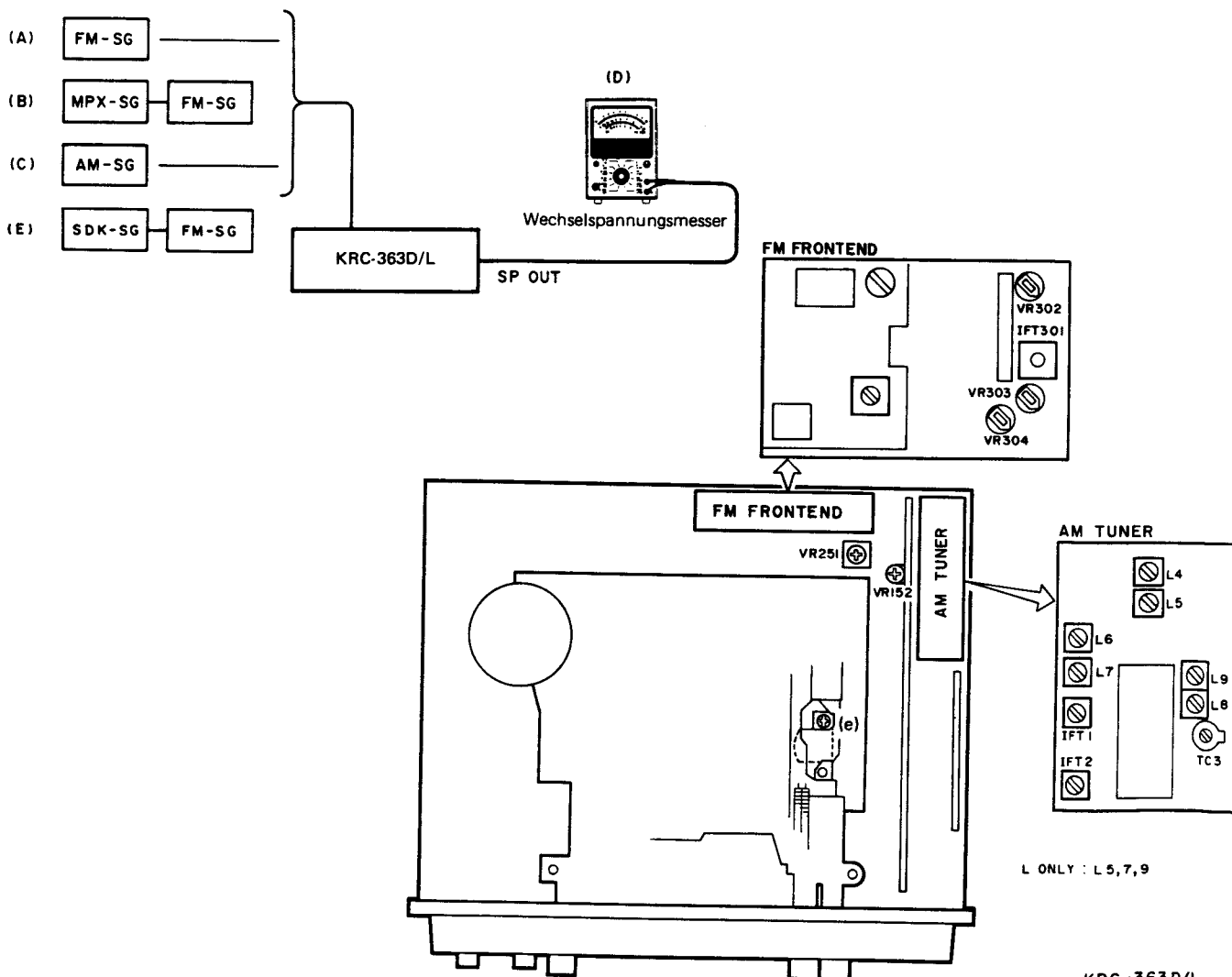


ABGLEICH

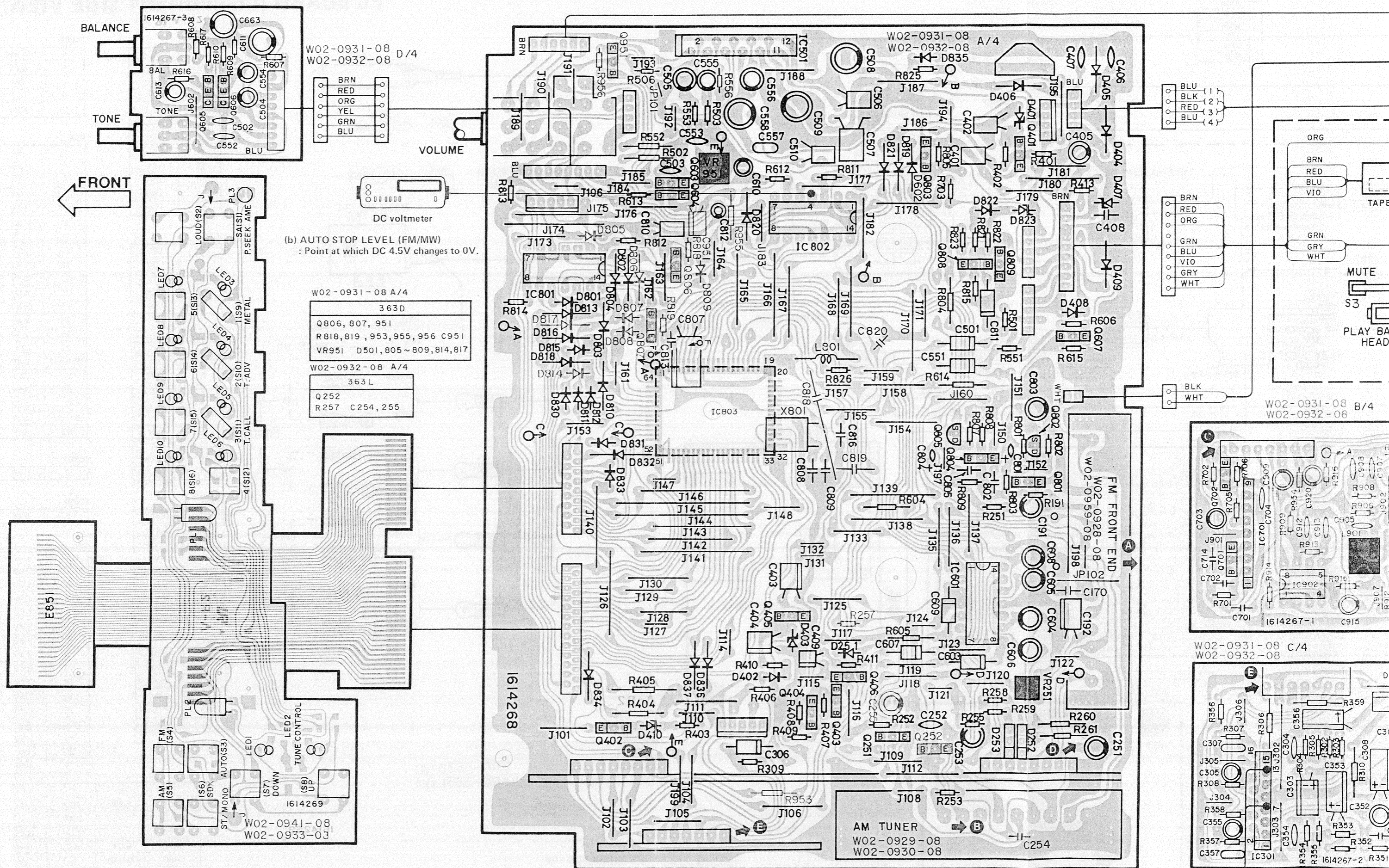
NR.	GEGENSTAND	EINGANGS-EINSTELLUNG	AUSGANGS-EINSTELLUNG	TUNER-EINSTELLUNG	ABGLEICH-PUNKTE	ABGLEICHEN FÜR	ABB.
MF - ABTEILUNG							
1	DISCRIMINATOR	(A) 98,1MHz 1kHz±40kHz Hub 60dBμ(Ant-Eingang)	Ein Oszilloskop an Stifte 7 und 13 des IC301 anschließen (DC 50mV).	FM 98,1MHz	IFT301	0V	(a)
2	SOFT-MUTE VERHÄLTNIS	(A) 98,1MHz 1kHz±40kHz Hub 60dBμ(Ant-Eingang)	(D) Ein Voltmeter an den SP-Ausgang anschließen.	FM 98,1MHz	VR302	Unterschied zwischen Eingangspegel von 60dBμ und 20dBμ: 25dB	
3	AUTO-STOP PEGEL	(A) 98,1MHz 1kHz±40kHz Hub 20dBμ(Ant-Eingang)	Einen DC-Voltmeter zwischen IC802 Stift 4 (TC4069UBP) und GND anschließen.	FM 98,1MHz	VR304	Stelle an der sich DC 4,5V auf 0V umändert	(b)
4	TRENNUNG	(B) 98,1MHz 1kHz±40kHz Hub Pilot:±6kHz Hub Wähler: L oder R 60dBμ(Ant-Eingang)	(D) Ein AC-Voltmeter an den SP-Eingang anschließen. (Bezugspegel: 2V/40)	FM 98,1MHz	VR152	Minimales Übersprechen	
5	ANRC	(B) 98,1MHz 1kHz±40kHz Hub Pilot:±6kHz Hub Wähler: L oder R 35dBμ(Ant-Eingang)	(D) Ein AC-Voltmeter an den SP-Eingang anschließen. (Bezugspegel: 2V/40)	FM 98,1MHz	VR303	Trennung: 10dB	
SDK - ABTEILUNG							
6	DK PEGEL	(E) 98,1MHz 0 mod SK 5,33% DK 30% BK 60% 60dBμ(Ant-Eingang)	Ein AC-Voltmeter an den TP1.	FM 98,1MHz SDK:OFF	L901 VR901	Maximale Leistung	(c)
7	SDK LAUTSTÄRKE PEGEL	(E) 98,1MHz 1kHz±40kHz Hub SK 5,33% DK 30% BK 60% 60dBμ(Ant-Eingang)	(B)	FM 98,1MHz VOLUME:0	VR951	400mV	
Nach der ANRC-Einstellung die Separations-Einstellung(Stereo Kanal Trennung) erneut durchführen.							
MW - ABTEILUNG Note 1: Falls die Empfindlichkeit zu niedrig ist, um eine Abgleichung vorzunehmen, die ANT-Eingabe wie erforderlich erhöhen. Die Abgleichung bei einem Eingangspegel vornehmen, an dem die AGC wirkungslos ist.							
(1)	BANDKANTE	—	Ein DC-Voltmeter zwischen der VT-Klemme des AM-Tunerteils(Stift 3) und GND anschließen.	531kHz	L8	DC 1,3V	(d)
(2)	IF	(C) 531kHz 400Hz 30% MOD 30dBμ(Ant-Eingang) Note 1	(D) Ein AC-Voltmeter an den SP-Eingang anschließen.	531kHz	IFT1 IFT2	Maximale Leistung	
(3)	HF-ABGLEICH(1)	(C) 603kHz 400Hz 30% MOD 30dBμ(Ant-Eingang) Note 1	(D) Ein AC-Voltmeter an den SP-Eingang anschließen.	603kHz	L4 L6	Maximale Leistung	
(4)	HF-ABGLEICH(2)	(C) 1530kHz 400Hz 30% MOD 30dBμ(Ant-Eingang) Note 1	(D) Ein AC-Voltmeter an den SP-Eingang anschließen.	1530kHz	TC3	Maximale Leistung	
(5)	AUTO-STOP PEGEL	(C) 999kHz 400Hz 30% MOD 32dBμ(Ant-Eingang)	Ein DC-Voltmeter zwischen Stift 4 am IC802(TC4069UBP) und GND anschließen.	999kHz	VR251	Stelle an der sich DC 4,5V 0V umändert.	(b)

ABGLEICH

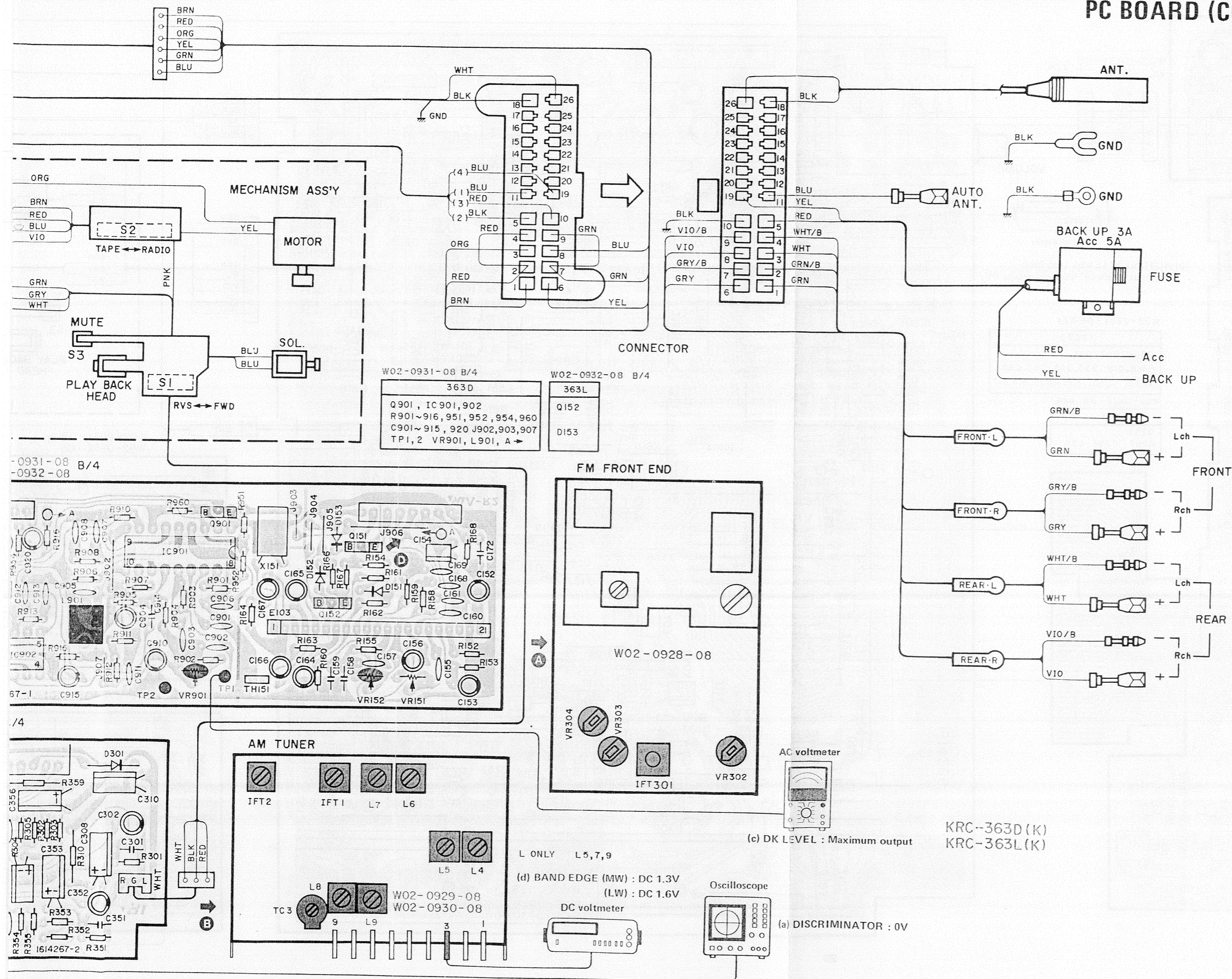
NR.	GEGENSTAND	EINGANGS-EINSTELLUNG	AUSGANGS-EINSTELLUNG	TUNER-EINSTELLUNG	ABGLEICH-PUNKTE	ABGLEICHEN FÜR	ABB.
LW-ABTEILUNG							
<1>	BANDKANTE	-	Ein DC-Voltmeter zwischen der VT-Klemme des AM-Tunerteils (Stift 3) und GND anschließen.	153kHz	L9	DC 1,6V	(d)
<2>	HF-ABGLEICH	(C) 220kHz 400Hz 30% MOD 30dBμ(Ant-Eingang) Note 1	(D) Ein DC-Voltmeter an den SP-Eingang anschließen.	220kHz	L5 L7	Maximale Leistung	
CASSETTE DECK ABTEILUNG							
[1]	ENTMAGNETISIERUNG UND REINIGUNG	-	-	Power OFF	Sprechkopf Tonrolle Klemmrolle	Mit dem Entmagnetisierer entmagnetisieren. Sprechkopf, Löschkopf, Klemmrolle mit Alkohol reinigen.	
[2]	AZIMUT	MTT-256 10kHz. -20dB	(D)	PLAY	Azimuth-Einstellschraube	Die Azimuth-Einstellschraube der Art herstellen, daß die maximale Ausgangsleistung erhalten wird.	(e)




KRC-363D/L





PC BOARD (COMPONENT SIDE VIEW)



1	3.5V
2	2.0V
3	0.9V
4	0V
5	1.3V
7	8.8V
9	0V
11	1.3V
13	0.9V
14	0V
15	3.5V
16	2.0V

1	(4.8V)
5	4.8V
7	0V
9	
14	4.8V

3	0V
7	7.0V
9	0V
10	14.4V
12	7.0V

IC803	
1	0V
2	0.35V
4	4.8V
5, 6	1.6V
7, 8	4.8V
9	FM 4.6V
15	
17	
18	TA 4.8V
19	4.8V
22	4.8V
23	(4.8V)
24	2.4V
25	0.8V
26	0V
29 - 57	2.4V
58	0V
59	3.3V
60	4.2V
61, 62	2.2V
63	0V

1	3.4V
2 - 4	0V
5	6.9V
6	0V
7	3.4V
8, 9	2.8V
10	4.0V
11	0V
12	TA 2.8V
13, 14	2.8V

C901	
7	7.7V

1, 2	0.8V
3	(1.4V)
4	10.2V
5	0V
6	13.5V (0V)
7	(1.4V)
8	0V
9	2.0V

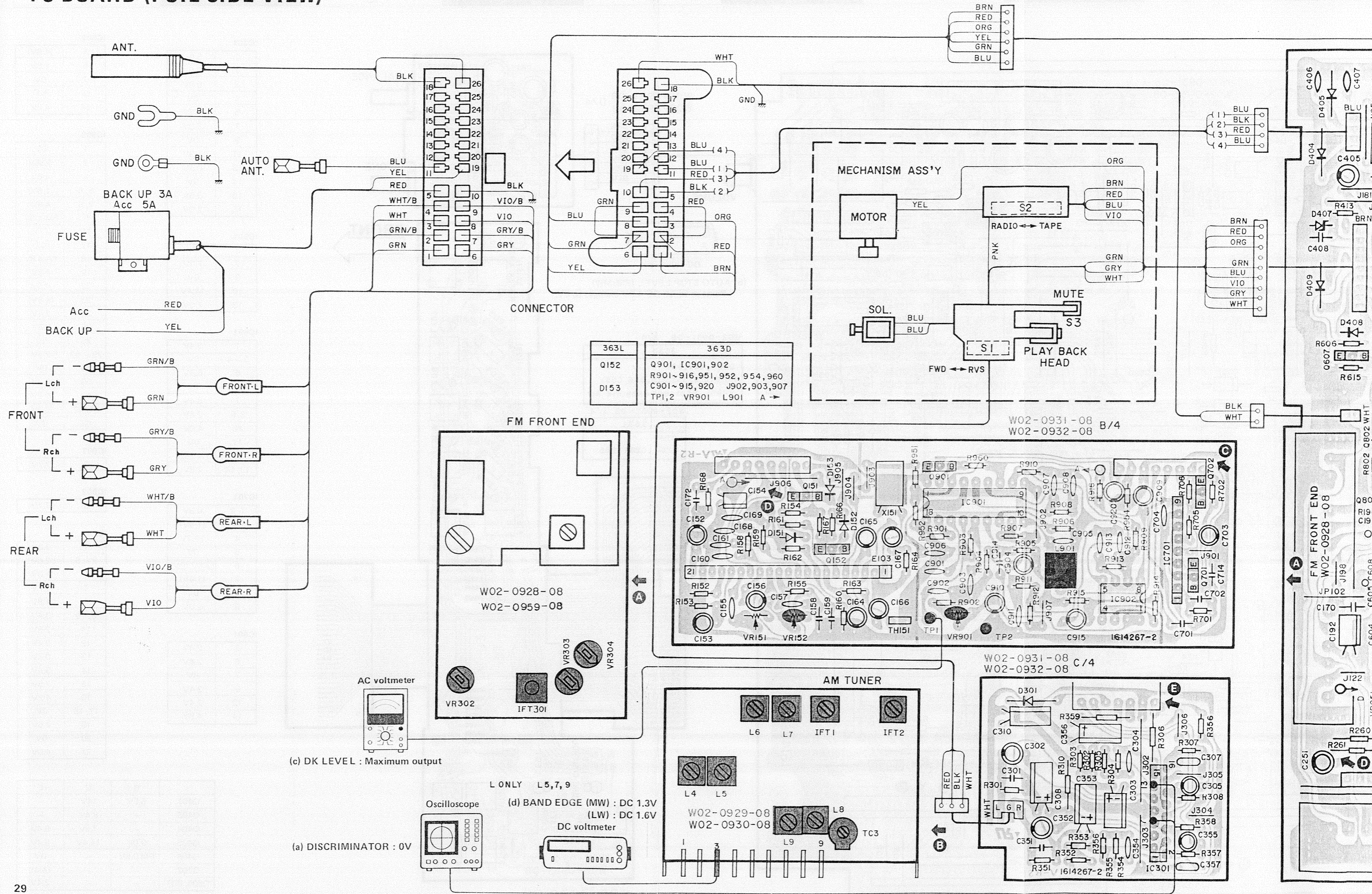
C902	
8	7.7V

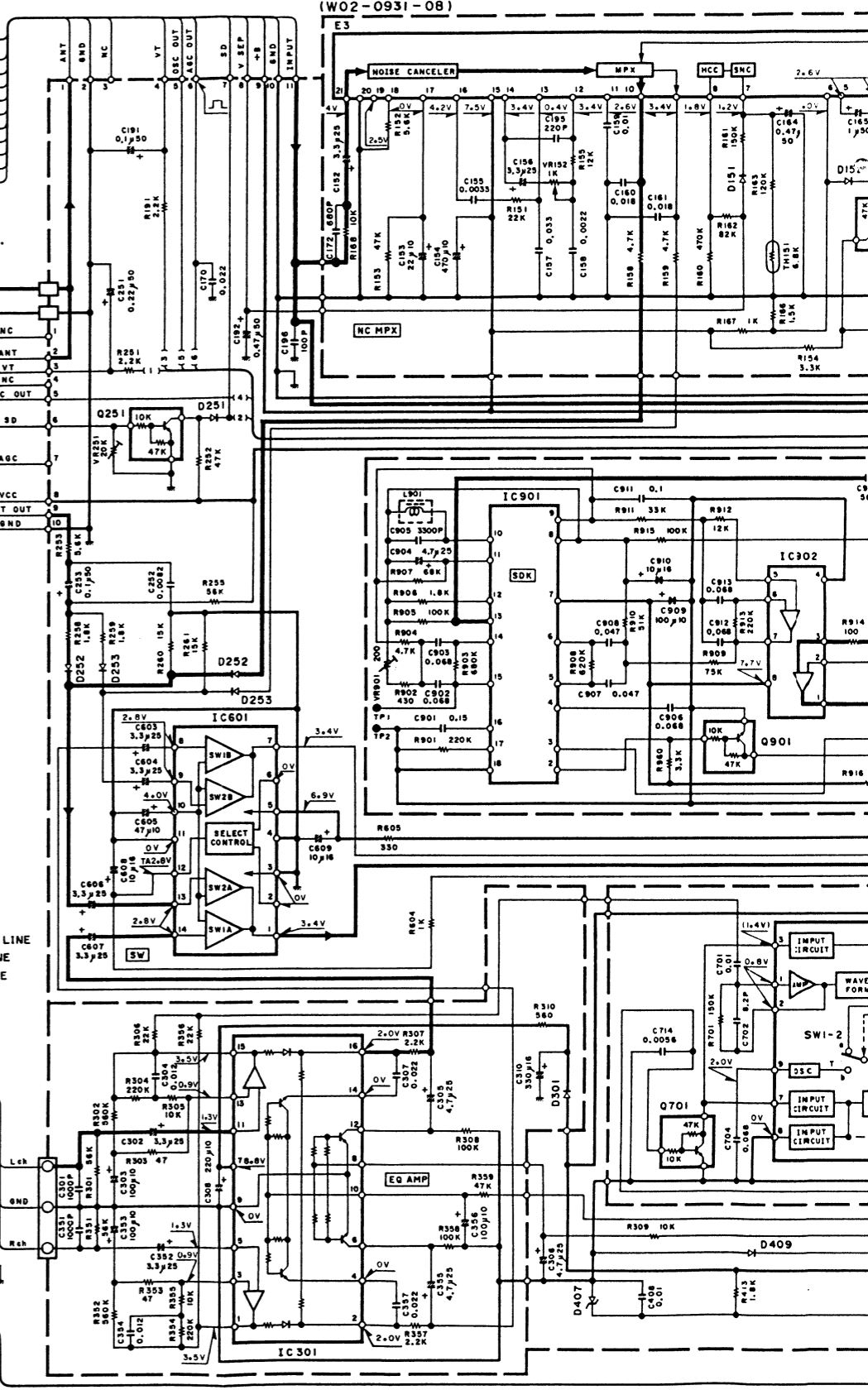
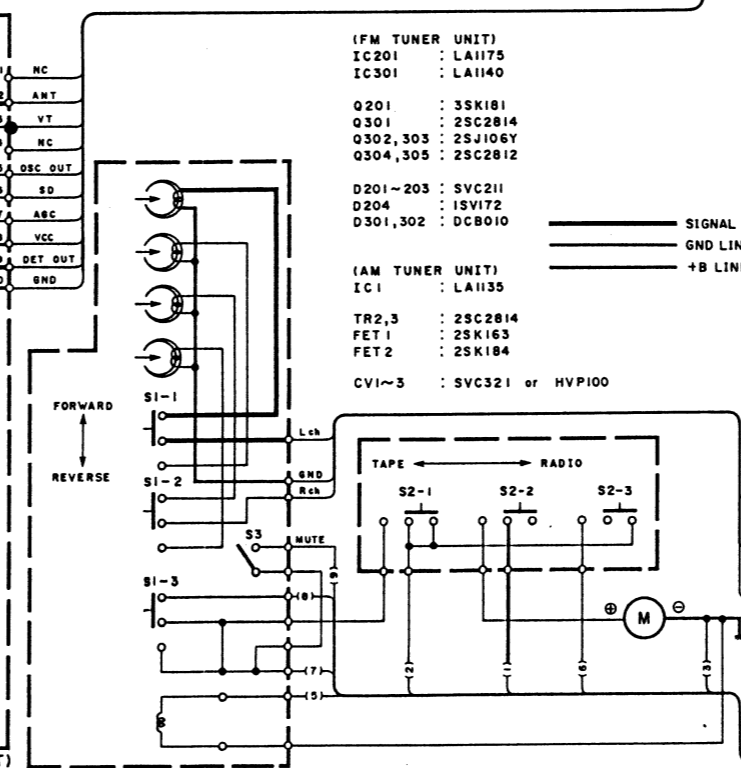
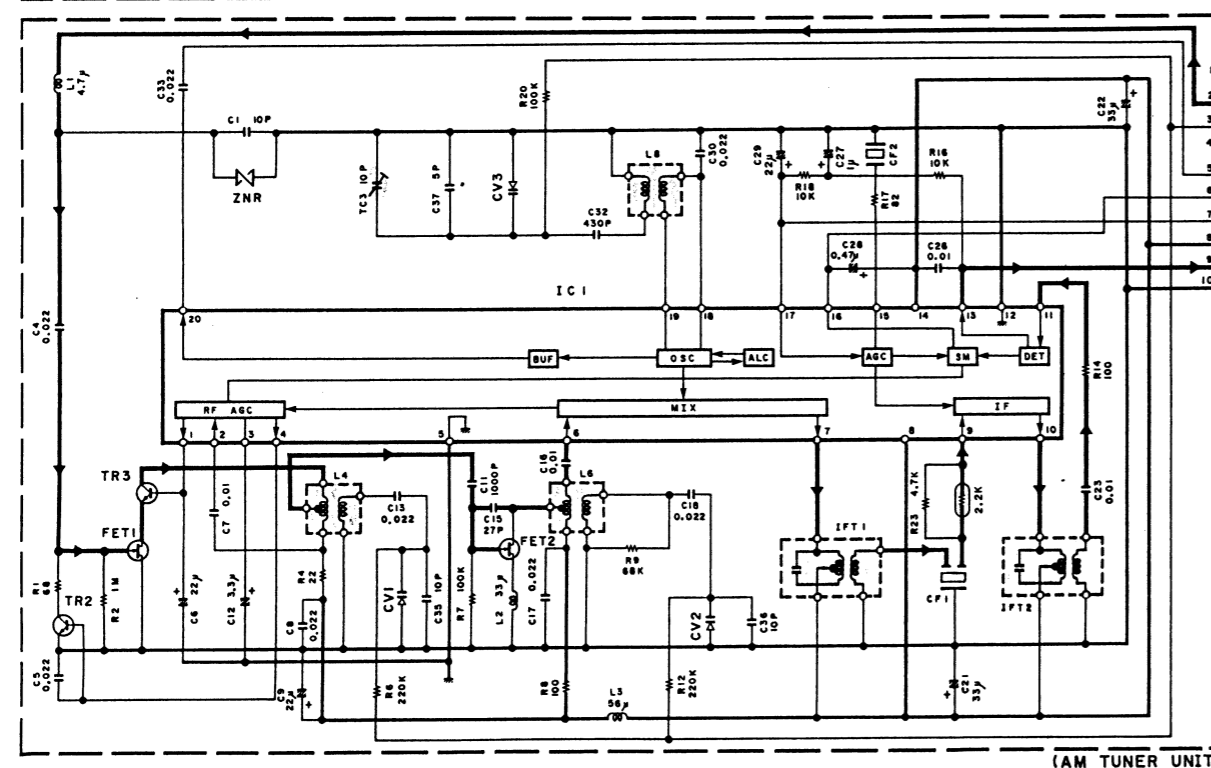
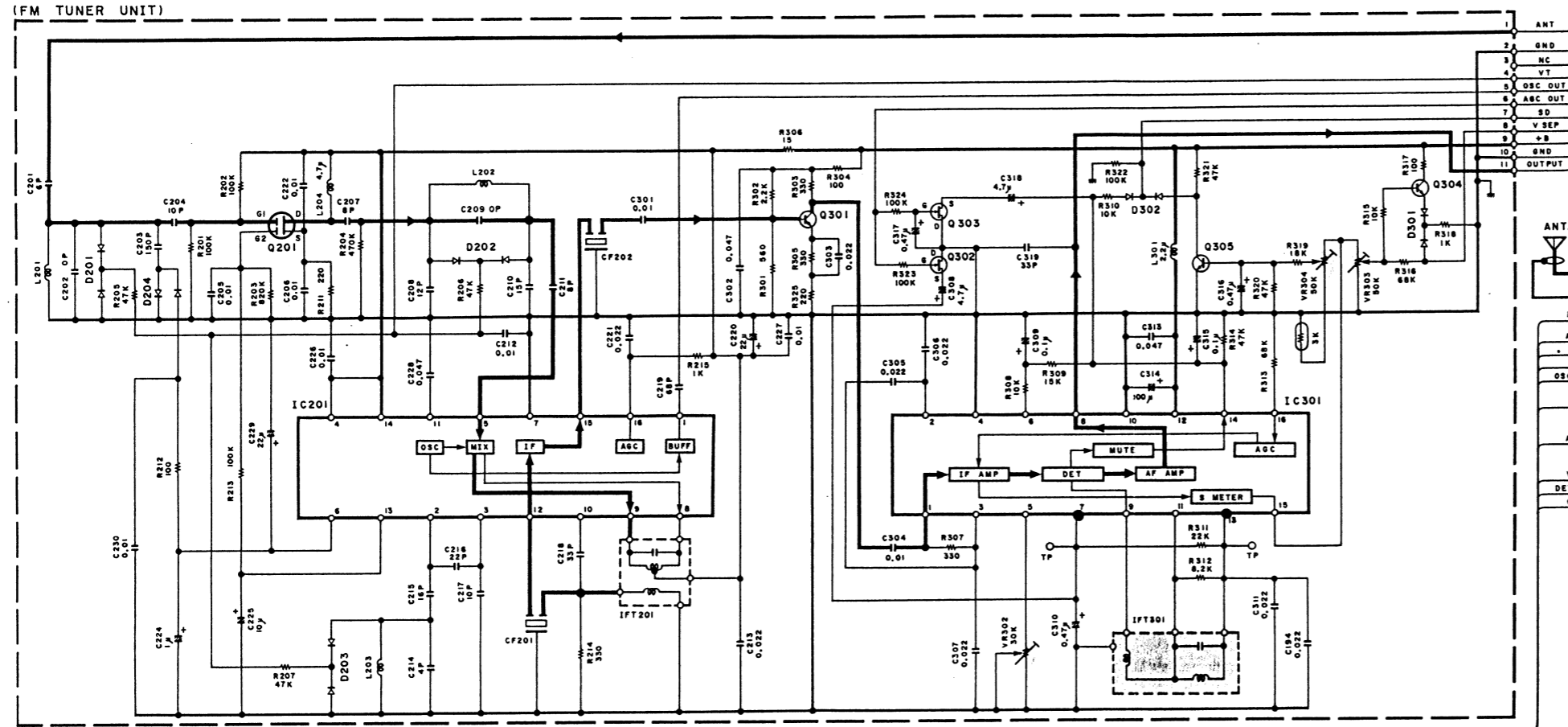
1	3.3V
2-5	2.6V
6	1.0V
7	1.2V
8	1.8V
9, 10	3.4V
11	2.6V
12	3.4V
13	0.4V
14	3.4V
15	7.5V
16	4.2V
17, 18	0V
19	2.5V
20	0V
21	4.0V

2	2.4V
6	2.4V
7	0V
9	2.4V
12	2.4V
14	4.8V

	B	C	E
Q401	5.5V	14V	—
Q403	—	8.4V	—
Q404	—	7.5V	8.4V
Q405	9.0V	14.4V	8.4V
Q406	FM 0.6V	—	0V
Q702	—	—	14.4V
Q806, 807	—	—	2.4V

PC BOARD (FOIL SIDE VIEW)





- ```
(FM TUNER UNIT)
IC201 : LA1175
IC301 : LA1140

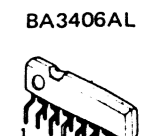
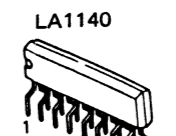
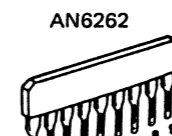
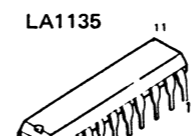
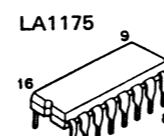
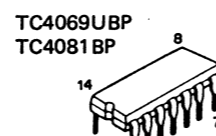
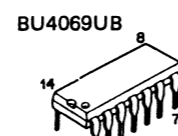
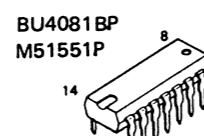
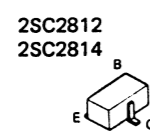
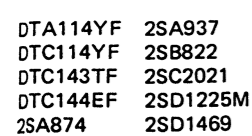
Q201 : 35K181
Q301 : 25C2814
Q302,303 : 25J106Y
Q304,305 : 25C2812

D201~203 : SVC211
D301 : 18V172
D301,302 : DCB010

(AM TUNER UNIT)
IC1 : LA1135

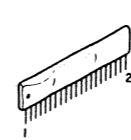
TR2,3 : 23C2814
FET1 : 23K161
FET2 : 23K184

CV1~3 : SVC321 or HVP100
```

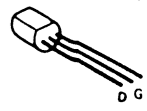


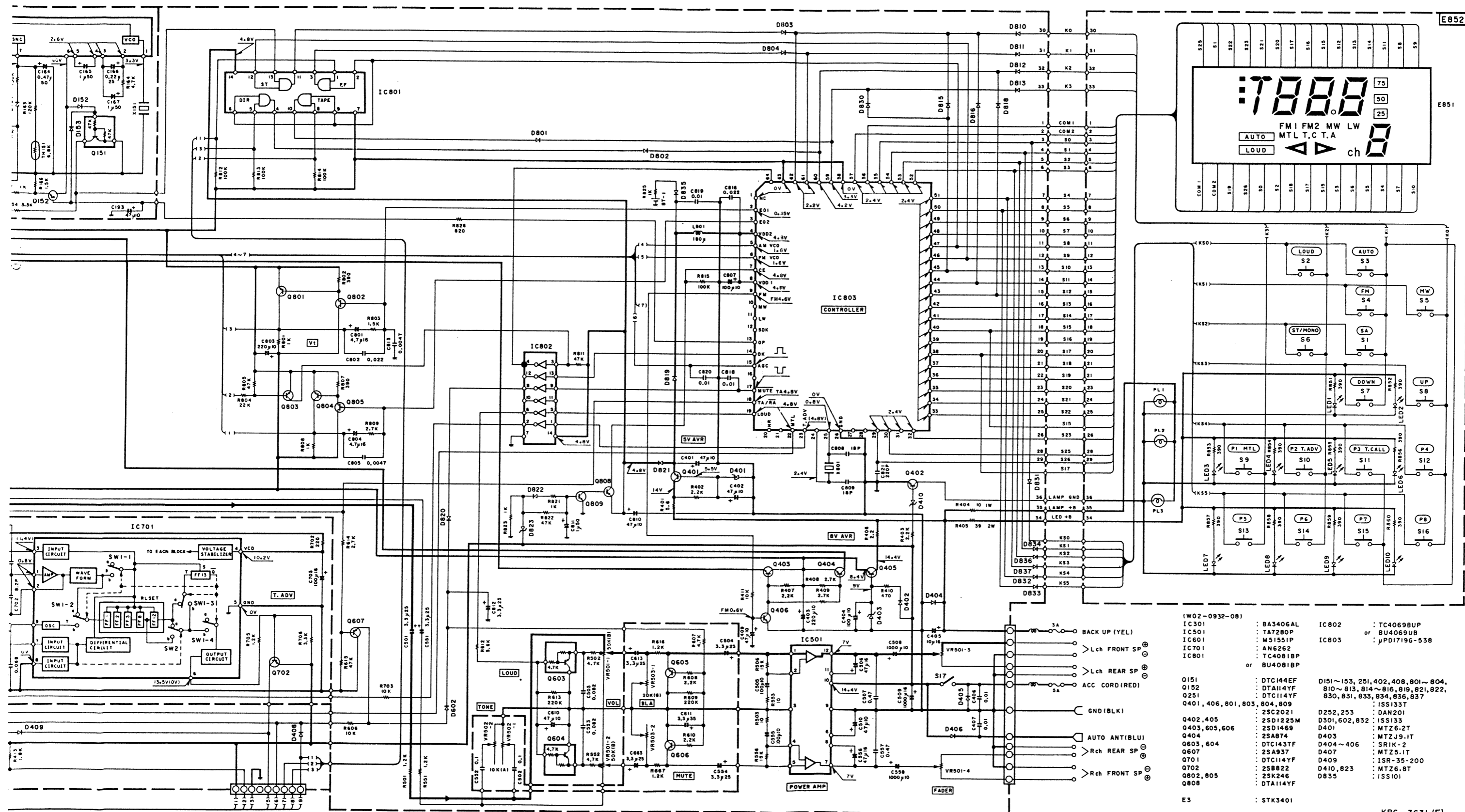


- DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.



**KRC-363D**  
KENWOOD





2SK163

2SK184

2SJ106Y

3SK181

TA7280P

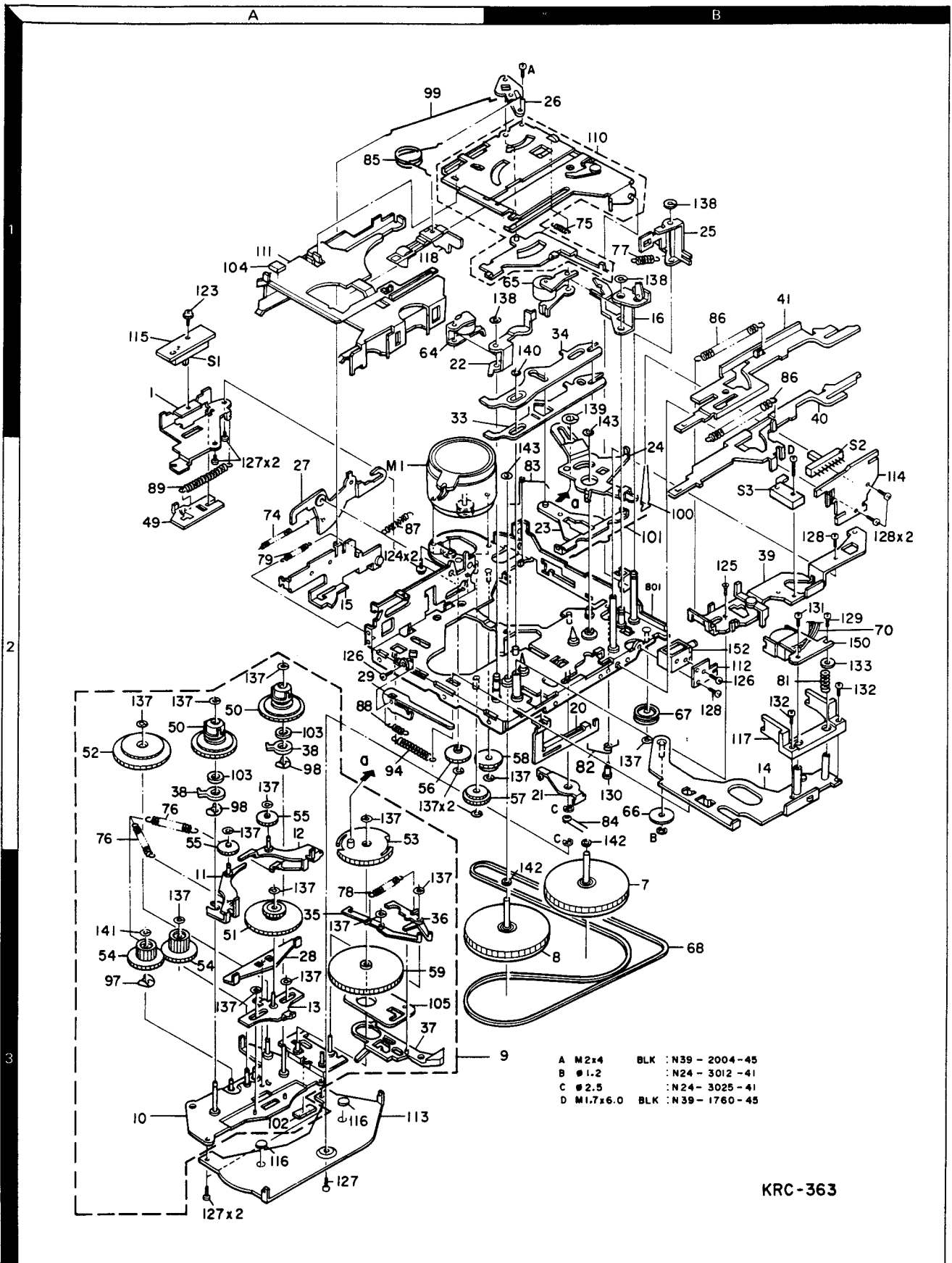
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STK3401

# KRC-363L

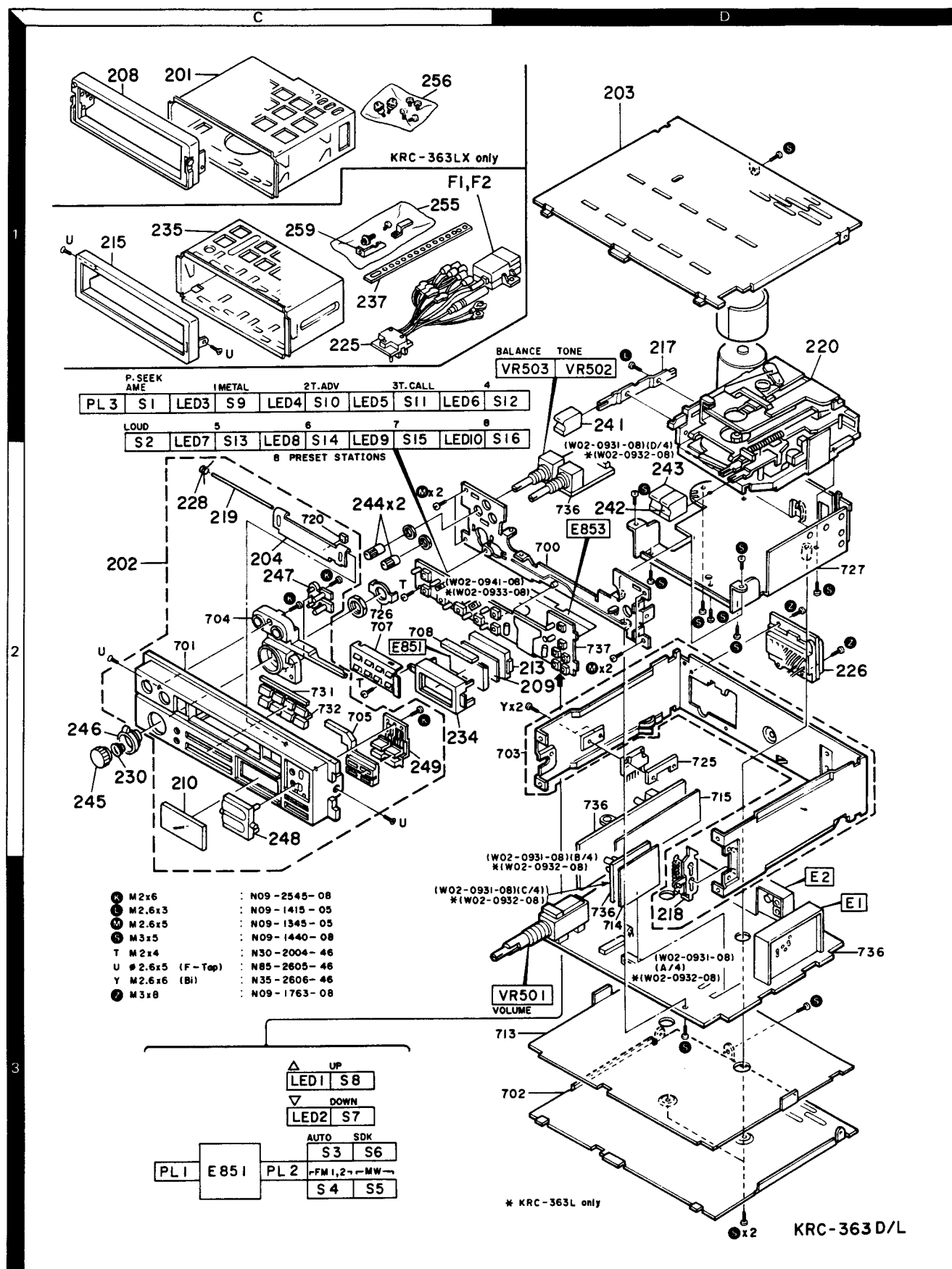
## KENWOOD

## EXPLODED VIEW (MECHANISM)



Parts with the exploded numbers larger than 800 are not supplied.

## EXPLODED VIEW (UNIT)



## PARTS LIST

\* New Parts

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| Ref. No.   | Address | New Parts | Parts No.   | Description                   | Destination | Remarks |
|------------|---------|-----------|-------------|-------------------------------|-------------|---------|
| 参照番号       | 位置      | 新         | 部品番号        | 部品名 / 規格                      | 仕向          | 備考      |
| KRC-363D/L |         |           |             |                               |             |         |
| 201        | 1C      |           | A01-1563-11 | CASE                          |             | LX      |
| 202        | 2C      | *         | A20-5578-08 | PANEL ASSY                    |             | D       |
| 202        | 2C      | *         | A20-5579-08 | PANEL ASSY                    |             | L       |
| 203        | 1D      |           | A52-0121-08 | FRONT AND TOP PLATE           |             |         |
| 204        | 2C      |           | A53-1034-08 | CASSETTE HOLDER               |             |         |
| 208        | 1C      |           | B07-1751-33 | ESCUTCHEON                    |             | LX      |
| 209        | 2D      |           | B11-0187-08 | COLLAR FILTER                 |             |         |
| 210        | 2C      | *         | B12-0097-08 | INDICATOR (LCD)               |             | D       |
| 210        | 2C      | *         | B12-0098-08 | INDICATOR (LCD)               |             | L       |
| 213        | 2D      |           | B19-0562-08 | LIGHTING BOARD (LCD)          |             |         |
| 215        | 1C      |           | B01-0400-08 | ESCUTCHEON                    | ET          |         |
| -          |         |           | B46-0100-10 | WARRANTY CARD                 |             |         |
| -          |         | *         | B50-8944-00 | INSTRUCTION MANUAL            |             |         |
| -          |         | *         | B58-0803-13 | CAUTION CARD                  |             | D       |
| 217        | 1D      |           | D10-2156-08 | LEVER (EJECT)                 |             |         |
| 218        | 3D      | *         | D21-2157-08 | LEVER                         |             |         |
| 219        | 2C      |           | D21-1451-08 | EXTENSION SHAFT(CASSETTE LID) |             |         |
| 220        | 1D      | *         | D40-0819-08 | CASSETTE MECHANISM ASSY       |             |         |
| 225        | 1C      | *         | E30-2403-05 | OUTPUT CORD ASSY (26P)        |             |         |
| 226        | 2D      | *         | E30-2448-05 | CONNECTOR ASSY (26P)          |             |         |
| F1         | 1C      |           | F06-5024-05 | FUSE (5A) ACC                 |             |         |
| F2         | 1C      |           | F06-3026-05 | FUSE (3A) BACKUP              |             |         |
| 228        | 2C      |           | G01-2234-08 | TORSION COIL SPRING(CASE LID) |             |         |
| 230        | 2C      |           | G09-0606-08 | SPRING (POWER KNOB)           |             |         |
| -          |         | *         | H01-7877-08 | ITEM CARTON BOX               |             | D       |
| -          |         | *         | H01-7878-08 | ITEM CARTON BOX               |             | L       |
| -          |         | *         | H10-3668-08 | POLYSTYRENE FOAMED FIXTURE(L) |             |         |
| -          |         | *         | H10-3669-08 | POLYSTYRENE FOAMED FIXTURE(R) |             |         |
| -          |         | *         | H13-0018-08 | PAD                           |             |         |
| -          |         |           | H25-0112-04 | PROTECTION BAG (INST.MANU)    |             |         |
| -          |         |           | H25-0173-04 | PROTECTION BAG (SET)          |             |         |
| 234        | 2C      |           | J19-2996-08 | LCD HOLDER                    |             |         |
| 235        | 1C      |           | J21-5256-08 | MOUNTING HARDWARE             |             |         |
| 237        | 1C      |           | J54-0059-04 | STAY                          |             |         |
| 241        | 1D      |           | K27-1906-08 | KNOB(BUTTON) EJECT            |             |         |
| 242        | 2D      |           | K27-1907-08 | KNOB(BUTTON) FF               |             |         |
| 243        | 2D      |           | K27-1908-08 | KNOB(BUTTON) REW              |             |         |
| 244        | 2C      |           | K29-3227-08 | KNOB (BASS, TREBLE)           |             |         |
| 245        | 2C      |           | K29-3228-08 | KNOB (VOLUME)                 |             |         |
| 246        | 2C      |           | K29-3229-08 | KNOB (FADER)                  |             |         |
| 247        | 2C      |           | K29-3230-08 | KNOB (LOUD, AME)              |             |         |
| 248        | 2C      |           | K29-3233-08 | KNOB ASSY (UP/DOWN)           |             |         |
| 249        | 2C      |           | K29-3234-08 | KNOB ASSY (FM, AM)            |             |         |
| 255        | 1C      |           | N99-0273-08 | SCREW SET                     |             |         |
| 256        | 1C      | *         | N99-0277-05 | SCREW SET                     |             | LX      |
| K          | 2C      |           | N09-2545-08 | SCREW (M2X6)                  |             |         |
| L          | 1D      |           | N09-1415-05 | SCREW (M2.6X3)                |             |         |
| M          | 2C, 2D  |           | N09-1345-05 | SCREW (M2.6X5)                |             |         |
| S          | 1D, 3D  |           | N09-1440-08 | SCREW (M3X5)                  |             |         |
| Z          | 2D      |           | N09-1763-08 | SCREW (M3X8)                  |             |         |

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|--------------------------------------------------------|-------------------------|-------------------|----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-------------------------|--------------------|
| 259<br>BT1<br>BT1                                      | 1C                      | *<br>*            | W01-0179-08<br>W09-0046-05<br>W09-0088-05                                  | HANDLE<br>LITHUM BATTERY<br>LITHUM BATTERY                                                                |                         |                    |
| <b>MAIN UNIT (W02-0931-08) : D , (W02-0932-08) : L</b> |                         |                   |                                                                            |                                                                                                           |                         |                    |
| E851<br>LED1,2<br>LED3-10<br>PL1 -3                    | 2C<br>3C<br>1C<br>1C,3C | *                 | B38-0111-08<br>B30-1227-08<br>B30-1228-08<br>B30-1226-08                   | DISPLAY ASSY<br>LED (UP/DOWN)<br>LED<br>LAMP (65MA)                                                       |                         |                    |
| C152<br>C153<br>C154<br>C155<br>C156                   |                         |                   | C90-0498-05<br>C90-0497-05<br>CE04DW1A471M<br>C91-0664-05<br>C90-0498-05   | ELECTR0 3.3UF 25WV<br>ELECTR0 22UF 10WV<br>ELECTR0 470UF 10WV<br>CERAMIC 0.0033UF K<br>ELECTR0 3.3UF 25WV |                         |                    |
| C157<br>C158<br>C159<br>C160,161<br>C164               |                         |                   | C91-0687-05<br>CF92V1H222J<br>CF92V1H103J<br>CF92V1H183J<br>C90-0484-05    | CERAMIC 0.033UF K<br>MF 2200PF J<br>MF 0.010UF J<br>MF 0.018UF J<br>ELECTR0 0.47UF 50WV                   |                         |                    |
| C165<br>C166<br>C167<br>C170<br>C172                   |                         |                   | C90-0824-05<br>C90-0506-05<br>C90-0824-05<br>C91-0929-08<br>CK45B1H681K    | ELECTR0 1UF 50WV<br>ELECTR0 0.22UF 50WV<br>ELECTR0 1UF 50WV<br>CERAMIC 0.022UF M<br>CERAMIC 680PF K       |                         |                    |
| C191<br>C192<br>C193<br>C194<br>C195                   |                         |                   | CE04KW1HOR1M<br>CE04CW1HR47M<br>C90-0480-05<br>C91-0929-08<br>CK45B1H221K  | ELECTR0 0.1UF 50WV<br>ELECTR0 0.47UF 50WV<br>ELECTR0 47UF 10WV<br>CERAMIC 0.022UF M<br>CERAMIC 220PF K    |                         |                    |
| C196<br>C251<br>C252<br>C253<br>C254                   |                         |                   | CK45B1H101K<br>CE04KW1HR22M<br>C91-0674-05<br>CE04KW1HOR1M<br>C91-0769-05  | CERAMIC 100PF K<br>ELECTR0 0.22UF 50WV<br>CERAMIC 0.0082UF K<br>ELECTR0 0.1UF 50WV<br>CERAMIC 0.01UF M    |                         | L                  |
| C255<br>C301<br>C302<br>C303<br>C304                   |                         |                   | CE04CW1A470M<br>C91-0757-05<br>CE04CW1E3R3M<br>C90-1501-08<br>CF92V1H123J  | ELECTR0 47UF 10WV<br>CERAMIC 0.001UF K<br>ELECTR0 3.3UF 25WV<br>ELECTR0 100UF 10WV<br>MF 0.012UF J        |                         | L                  |
| C305<br>C306<br>C307<br>C308<br>C310                   |                         |                   | CE04CW1E4R7M<br>C90-1372-05<br>CF92V1H223J<br>CE04DW1A221M<br>CE04DW1C331M | ELECTR0 4.7UF 25WV<br>ELECTR0 4.7UF 25WV<br>MF 0.022UF J<br>ELECTR0 220UF 10WV<br>ELECTR0 330UF 16WV      |                         |                    |
| C351<br>C352<br>C353<br>C354<br>C355                   |                         |                   | C91-0757-05<br>CE04CW1E3R3M<br>C90-1501-08<br>CF92V1H123J<br>CE04CW1E4R7M  | CERAMIC 0.001UF K<br>ELECTR0 3.3UF 25WV<br>ELECTR0 100UF 10WV<br>MF 0.012UF J<br>ELECTR0 4.7UF 25WV       |                         |                    |
| C356<br>C357<br>C401,402<br>C403<br>C404               |                         |                   | CE04DW1A101M<br>CF92V1H223J<br>C90-0480-05<br>CE04DW1A221M<br>C90-1501-08  | ELECTR0 100UF 10WV<br>MF 0.022UF J<br>ELECTR0 47UF 10WV<br>ELECTR0 220UF 10WV<br>ELECTR0 100UF 10WV       |                         |                    |
| C405                                                   |                         |                   | C90-0478-05                                                                | ELECTR0 10UF 16WV                                                                                         |                         |                    |

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|-------------------------------------------|---------------|-------------------|-----------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|------------------------|-----------------------|
| C406, 407<br>C408<br>C409<br>C501<br>C502 |               |                   | CK45F1H103Z<br>C91-0769-05<br>CE04CW1A470M<br>C90-1371-05<br>C91-0700-05    | CERAMIC 0.010UF Z<br>CERAMIC 0.01UF M<br>ELECTR0 47UF 10WV<br>ELECTR0 3.3UF 25WV<br>CERAMIC 0.1UF J         |                        |                       |
| C503<br>C504<br>C505<br>C506<br>C507      |               |                   | C91-0698-05<br>C90-0498-05<br>CE04KW1A101M<br>CE04DW1C470M<br>CF92V1H474J   | CERAMIC 0.082UF K<br>ELECTR0 3.3UF 25WV<br>ELECTR0 100UF 10WV<br>ELECTR0 47UF 16WV<br>MF 0.47UF J           |                        |                       |
| C508<br>C509<br>C510<br>C510<br>C551      |               |                   | CE04DW1A102M<br>CE04DW1C102M<br>CE04CW1A470M<br>CE04KW1A101M<br>C90-1371-05 | ELECTR0 1000UF 10WV<br>ELECTR0 1000UF 16WV<br>ELECTR0 47UF 10WV<br>ELECTR0 100UF 10WV<br>ELECTR0 3.3UF 25WV |                        | L<br>D                |
| C552<br>C553<br>C554<br>C555<br>C556      |               |                   | C91-0700-05<br>C91-0698-05<br>C90-0498-05<br>CE04KW1A101M<br>CE04KW1C470M   | CERAMIC 0.1UF J<br>CERAMIC 0.082UF K<br>ELECTR0 3.3UF 25WV<br>ELECTR0 100UF 10WV<br>ELECTR0 47UF 16WV       |                        |                       |
| C557<br>C558<br>C603<br>C604<br>C606      |               |                   | CF92FV1H474J<br>CE04DW1A102M<br>C90-1371-05<br>CE04CW1E3R3M<br>CE04CW1E3R3M | MF 0.47UF J<br>ELECTR0 1000UF 10WV<br>ELECTR0 3.3UF 25WV<br>ELECTR0 3.3UF 25WV<br>ELECTR0 3.3UF 25WV        |                        |                       |
| C607<br>C608<br>C609<br>C610<br>C611      |               |                   | C90-1371-05<br>C90-0478-05<br>C90-1369-05<br>C90-0480-05<br>CE04KW1E3R3M    | ELECTR0 3.3UF 25WV<br>ELECTR0 10UF 16WV<br>ELECTR0 10UF 16WV<br>ELECTR0 47UF 10WV<br>ELECTR0 3.3UF 25WV     |                        |                       |
| C613<br>C663<br>C701<br>C702<br>C703      |               | *                 | CE04KW1E3R3M<br>CE04KW1E3R3M<br>C91-0769-05<br>C91-1234-05<br>C90-1501-08   | ELECTR0 3.3UF 25WV<br>ELECTR0 3.3UF 25WV<br>CERAMIC 0.01UF M<br>CERAMIC 8.2K K<br>ELECTR0 100UF 10WV        |                        |                       |
| C704<br>C714<br>C801<br>C802<br>C803      |               | *                 | CF92V1H683J<br>C91-0766-05<br>CS15E1C4R7K<br>C91-0684-05<br>CE04KW1A221M    | MF 0.068UF J<br>CERAMIC 0.0056UF M<br>TANTAL 4.7UF 16WV<br>CERAMIC 0.022UF K<br>ELECTR0 220UF 10WV          |                        |                       |
| C804<br>C805<br>C807<br>C808, 809<br>C810 |               |                   | CS15E1C4R7K<br>C91-0765-05<br>C90-1263-05<br>C91-1241-05<br>CE04CW1A470M    | TANTAL 4.7UF 16WV<br>CERAMIC 0.0047UF M<br>ELECTR0 100UF 16WV<br>CERAMIC 18PF J<br>ELECTR0 47UF 10WV        |                        |                       |
| C811<br>C812<br>C813<br>C816<br>C818-820  |               |                   | C90-1377-05<br>CE04CW1E3R3M<br>C91-0765-05<br>C91-0684-05<br>C91-0769-05    | ELECTR0 1.0 UF 50WV<br>ELECTR0 3.3UF 25WV<br>CERAMIC 0.0047UF M<br>CERAMIC 0.022UF K<br>CERAMIC 0.01UF M    |                        |                       |
| C821<br>C901<br>C902, 903<br>C904<br>C905 |               | *                 | CK45B1H221K<br>CF92V1H154J<br>CF92V1H683J<br>CE04CW1E4R7M<br>CQ93M1H332J    | CERAMIC 220PF K<br>MF 0.15UF J<br>MF 0.068UF J<br>ELECTR0 4.7UF 25WV<br>MYLAR 3300PF J                      |                        | D<br>D<br>D<br>D<br>D |

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|---------------------------------------------------|------------------------|-------------------|----------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|-------------------------|-----------------------|
| C906<br>C907, 908<br>C909<br>C910<br>C911         |                        |                   | CF92V1H683J<br>CF92V1H473J<br>C90-1501-08<br>C90-0478-05<br>CF92V1H104J    | MF 0.068UF J<br>MF 0.047UF J<br>ELECTR 100UF 10WV<br>ELECTR 10UF 16WV<br>MF 0.10UF J                                         |                         | D<br>D<br>D<br>D<br>D |
| C912, 913<br>C914<br>C915<br>C920<br>C951         |                        |                   | CF92V1H683J<br>C91-0739-05<br>C90-0824-05<br>CE04CW1E470M<br>CE04CW1A220M  | MF 0.068UF J<br>CERAMIC 56PF J<br>ELECTR 1UF 50WV<br>ELECTR 47UF 25WV<br>ELECTR 22UF 10WV                                    |                         | D<br>D<br>D<br>D<br>D |
| E853                                              | 2D                     | *                 | J25-5946-08                                                                | FLEXIBLE PRINTED WIRING BOARD                                                                                                |                         |                       |
| L801<br>L901<br>X151<br>X801                      |                        | *                 | L40-1811-14<br>L39-0153-08<br>L78-0240-08<br>L77-0573-05                   | SMALL FIXED INDUCTOR(180UH)<br>SK COIL<br>CERAMIC RESONATOR<br>CRYSTAL RESONATOR(4.5MHZ)                                     |                         | D                     |
| R404<br>R405                                      |                        |                   | RK73FB2A391J<br>R92-0670-05<br>R92-0679-05<br>RS14DB3A100J<br>RS14DB3D390J | CHIP R 390 J 1/10W<br>CHIP R 0 OHM<br>CHIP R 0 OHM<br>FL-PROOF RS 10 J 1W<br>FL-PROOF RS 39 J 2W                             |                         |                       |
| R851-860<br>VR152<br>VR251<br>VR501<br>VR502      | 3D<br>1D               | *                 | RK73FB2A391J<br>R12-1098-08<br>R12-3450-05<br>R29-9018-08<br>R10-3033-08   | CHIP R 390 J 1/10W<br>TRIMMING PBT. (1K) SEP<br>TRIMMING PBT. (20K)AM STOP<br>POTENTIOMETER(MAIN VOL)<br>POTENTIOMETER(TONE) |                         |                       |
| VR503<br>VR901<br>VR951                           | 1D                     | *                 | R10-3034-08<br>R12-5074-08<br>R12-3443-05                                  | POTENTIOMETER(BALANCE)<br>TRIMMING PBT. (200)SK<br>TRIMMING PBT. (10K)DK MIN                                                 |                         | D<br>D                |
| S1 -8<br>S9 -11<br>S12 -16                        | 1C, 3C<br>1C<br>1C, 1D | *                 | S40-1123-08<br>S40-1128-08<br>S40-1123-08                                  | TACT SWITCH (TUNE, AUTO, FM)<br>TACT SWITCH (MTL, T. A, T. C)<br>TACT SWITCH (4-8)                                           |                         |                       |
| D151, 152<br>D153<br>D251<br>D252, 253<br>D301    |                        |                   | 1SS133T<br>1SS133T<br>1SS133T<br>DAN201<br>1SS133                          | DIODE<br>DIODE<br>DIODE<br>DIODE<br>DIODE                                                                                    |                         | L                     |
| D401<br>D402<br>D403<br>D404-406<br>D407          |                        | *                 | MTZ6. 2T<br>1SS-133T<br>MTZJ9. 1T<br>SR1K-2<br>MTZ5. 1T                    | ZENER DIODE<br>DIODE<br>ZENER DIODE<br>DIODE<br>ZENER DIODE                                                                  |                         |                       |
| D408<br>D409<br>D410<br>D602<br>D801-804          |                        | *                 | 1SS133T<br>1SR-35-200<br>MTZ6. 8T<br>1SS133<br>1SS133T                     | DIODE<br>DIODE<br>ZENER DIODE<br>DIODE<br>DIODE                                                                              |                         |                       |
| D805-809<br>D810-813<br>D814<br>D815, 816<br>D817 |                        |                   | 1SS133T<br>1SS133T<br>1SS133T<br>1SS133T<br>1SS133T                        | DIODE<br>DIODE<br>DIODE<br>DIODE<br>DIODE                                                                                    |                         | D<br>D<br>D<br>D      |
| D818-822<br>D823                                  |                        |                   | 1SS133T<br>MTZ6. 8T                                                        | DIODE<br>ZENER DIODE                                                                                                         |                         |                       |

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|----------------------------------------------------------------|----------------------------|-------------------|---------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|------------------------|-----------------------|
| D830,831<br>D832<br>D833,834<br>D835<br>D836,837               |                            | *                 | 1SS133T<br>1SS133<br>1SS133T<br>1SS101<br>1SS-133T                        | DIODE<br>DIODE<br>DIODE<br>DIODE<br>DIODE                                                                     |                        |                       |
| E3<br>IC301<br>IC501<br>IC601<br>IC701                         |                            |                   | STK3401<br>BA3406AL<br>TA7280P<br>M51551P<br>AN6262                       | IC(FM MPX)<br>IC(PREAMP FOR TAPE EQ X2)<br>IC(POWER AMPX2)<br>IC(DUAL 2-MODE SWITCH)<br>IC(DPSS BLANK DECECT) |                        |                       |
| IC801<br>IC801<br>IC802<br>IC802<br>IC803                      |                            | *                 | BU4081BP<br>TC4081BP<br>BU4069UB<br>TC4069UBP<br>UPD1719G-538             | IC(AND 4)<br>IC(AND X4)<br>IC(INVERTER X6)<br>IC(INVERTER X6)<br>IC(FREQ SYNTHESIZER PLL,CONT)                |                        |                       |
| IC901<br>IC902<br>IC902<br>Q151<br>Q152                        |                            | *                 | TDA1579<br>AN6556<br>BA4558<br>DTC144EF<br>DTA114YF                       | IC(DECODER)<br>IC(OP AMP X2)<br>IC(OP AMPX2))<br>DIGITAL TRANSISTOR<br>DIGITAL TRANSISTOR                     |                        | D<br>D<br>D<br>L      |
| Q251<br>Q252<br>Q401<br>Q402<br>Q403                           |                            | *                 | DTC114YF<br>2SC2021(R,S)<br>2SC2021(R,S)<br>2SD1225M(Q,R)<br>2SD1469(S,R) | DIGITAL TRANSISTOR<br>TRANSISTOR<br>TRANSISTOR<br>TRANSISTOR<br>TRANSISTOR                                    |                        | L                     |
| Q404<br>Q405<br>Q406<br>Q603,604<br>Q605,606                   |                            | *                 | 2SA874(R)<br>2SD1225M(Q,R)<br>2SC2021(R,S)<br>DTC143TF<br>2SD1469(S,R)    | TRANSISTOR<br>TRANSISTOR<br>TRANSISTOR<br>DIGITAL TRANSISTOR<br>TRANSISTOR                                    |                        |                       |
| Q607<br>Q701<br>Q702<br>Q801<br>Q802                           |                            | *                 | 2SA937(Q,R)<br>DTC114YF<br>2SB822(Q,R)<br>2SC2021(R,S)<br>2SK246Y         | TRANSISTOR<br>DIGITAL TRANSISTOR<br>TRANSISTOR<br>TRANSISTOR<br>FET                                           |                        |                       |
| Q803,804<br>Q805<br>Q806,807<br>Q808<br>Q809                   |                            | *                 | 2SC2021(R,S)<br>2SK246(Y)<br>2SA937(Q,R)<br>DTA114YF<br>2SC2021(R,S)      | TRANSISTOR<br>FET<br>TRANSISTOR<br>DIGITAL TRANSISTOR<br>TRANSISTOR                                           |                        | D                     |
| Q901<br>Q951<br>TH151                                          |                            | *                 | DTC114YF<br>2SD1469(S,R)<br>TD5C268D                                      | DIGITAL TRANSISTOR<br>TRANSISTOR<br>THERMISTER                                                                |                        | D<br>D                |
| E1<br>E1<br>E1<br>E2<br>E2                                     | 3D<br>3D<br>3D<br>3D<br>3D | *                 | W02-0928-08<br>W02-0928-08<br>W02-0959-08<br>W02-0929-08<br>W02-0930-08   | FM TUNER ASSY<br>FM TUNER ASSY<br>FM TUNER ASSY<br>AM TUNER ASSY<br>AM TUNER ASSY                             | ET<br>M                | D<br>L<br>L<br>D<br>L |
| FM TUNER UNIT (W02-0928-08) : D, L (ET), (W02-0959-08) : L (M) |                            |                   |                                                                           |                                                                                                               |                        |                       |
| D201-203<br>D204<br>D301,302<br>IC201<br>IC301                 |                            |                   | SVC211<br>1SV172<br>DCB010<br>LA1175<br>LA1140                            | DIODE<br>DIODE<br>DIODE<br>IC(FM IF)<br>IC(FM IF/DETECTION)                                                   |                        |                       |

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|------------------------------------------------------------|---------------|-------------------|---------------------------------------------------------------------|-----------------------------------------------------------------|------------------------|--------------------|
| Q201<br>Q301<br>Q302,303<br>Q304,305                       |               | *                 | 3SK181<br>2SC2814<br>2SJ106Y<br>2SC2812                             | FET<br>TRANSISTOR<br>FET<br>TRANSISTOR                          |                        |                    |
| <b>AM TUNER UNIT (W02-0929-08) : D</b>                     |               |                   |                                                                     |                                                                 |                        |                    |
| CV1 -3<br>CV1 -3<br>FET1<br>FET2<br>IC1<br>TR2 ,3          |               |                   | HVP100<br>SVC321<br>2SK163<br>2SK184<br>LA1135<br>2SC2814           | VARCAP<br>VARCAP<br>FET<br>FET<br>IC(AM)<br>TRANSISTOR          |                        |                    |
| <b>MW/LW TUNER UNIT (W02-0930-08) : L</b>                  |               |                   |                                                                     |                                                                 |                        |                    |
| CV1 -3<br>CV1 -3<br>D1 -4<br>FET1<br>FET2<br>IC1<br>TR2 -5 |               | *                 | HVP100<br>SVC321<br>US1040<br>2SK163<br>2SK184<br>LA1135<br>2SC2814 | VARCAP<br>VARCAP<br>DIODE<br>FET<br>FET<br>IC(AM)<br>TRANSISTOR |                        |                    |
| <b>CASSETTE MECHANISM ASS'Y (D40-0819-08)</b>              |               |                   |                                                                     |                                                                 |                        |                    |
| 1                                                          | 1A            | *                 | D40-0814-08                                                         | SUB CHASSIS                                                     |                        |                    |
| 7                                                          | 3B            | *                 | D01-0099-08                                                         | FLYWHEEL ASSY (F)                                               |                        |                    |
| 8                                                          | 3B            | *                 | D01-0100-08                                                         | FLYWHEEL ASSY (R)                                               |                        |                    |
| 9                                                          | 3B            | *                 | D03-0267-08                                                         | REEL DISK ASSY                                                  |                        |                    |
| 10                                                         | 3A            | *                 | D03-0268-08                                                         | REEL DISK                                                       |                        |                    |
| 11                                                         | 3A            | *                 | D10-2117-08                                                         | SLIDER ASSY (A)                                                 |                        |                    |
| 12                                                         | 2A            | *                 | D10-2118-08                                                         | SLIDER ASSY (B)                                                 |                        |                    |
| 13                                                         | 3A            | *                 | D10-2119-08                                                         | LEVER ASSY (FR)                                                 |                        |                    |
| 14                                                         | 2B            | *                 | D10-2120-08                                                         | LEVER ASSY (HEAD PLATE)                                         |                        |                    |
| 15                                                         | 2A            | *                 | D10-2121-08                                                         | LEVER ASSY (EJECT)                                              |                        |                    |
| 16                                                         | 1B            | *                 | D10-2122-08                                                         | LEVER ASSY (INV)                                                |                        |                    |
| 20                                                         | 2B            | *                 | D10-2123-08                                                         | LEVER (FR CAM)                                                  |                        |                    |
| 21                                                         | 2B            | *                 | D10-2124-08                                                         | LEVER (FR CAM)                                                  |                        |                    |
| 22                                                         | 1A            | *                 | D10-2125-08                                                         | LEVER (FR CAM)                                                  |                        |                    |
| 23                                                         | 2B            | *                 | D10-2126-08                                                         | ARM                                                             |                        |                    |
| 24                                                         | 2B            | *                 | D10-2127-08                                                         | ARM                                                             |                        |                    |
| 25                                                         | 1B            | *                 | D10-2128-08                                                         | ARM (FR RELEASE)                                                |                        |                    |
| 26                                                         | 1B            | *                 | D10-2130-08                                                         | LEVER (INV)                                                     |                        |                    |
| 27                                                         | 2A            | *                 | D10-2131-08                                                         | ARM (ACTION)                                                    |                        |                    |
| 28                                                         | 3A            | *                 | D10-2132-08                                                         | LEVER (SENSOR)                                                  |                        |                    |
| 29                                                         | 2A            | *                 | D10-2133-08                                                         | LEVER (LOCK PLATE)                                              |                        |                    |
| 33                                                         | 1A            | *                 | D10-2134-08                                                         | LEVER                                                           |                        |                    |
| 34                                                         | 1B            | *                 | D10-2135-08                                                         | LEVER                                                           |                        |                    |
| 35                                                         | 3A            | *                 | D10-2136-08                                                         | ARM                                                             |                        |                    |
| 36                                                         | 3A            | *                 | D10-2137-08                                                         | ARM                                                             |                        |                    |
| 37                                                         | 3A            | *                 | D10-2138-08                                                         | LEVER (SENSOR)                                                  |                        |                    |
| 38                                                         | 2A            | *                 | D10-2139-08                                                         | LEVER (SENSOR)                                                  |                        |                    |
| 39                                                         | 2B            | *                 | D10-2140-08                                                         | LEVER ASSY (SINE PLATE)                                         |                        |                    |
| 40                                                         | 1B            | *                 | D10-2141-08                                                         | LEVER (FR)                                                      |                        |                    |
| 41                                                         | 1B            | *                 | D10-2142-08                                                         | LEVER (FR)                                                      |                        |                    |
| 49                                                         | 2A            | *                 | D10-2129-08                                                         | LEVER                                                           |                        |                    |
| 50                                                         | 2A            | *                 | D13-0685-08                                                         | GEAR ASSY (REEL DISK)                                           |                        |                    |
| 51                                                         | 3A            | *                 | D13-0686-08                                                         | GEAR ASSY (FR GEAR)                                             |                        |                    |

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|------------------|---------------|-------------------|-------------------|------------------------------|------------------------|--------------------|
| 52               | 2A            | *                 | D13-0687-08       | GEAR ASSY (TAKE UP)          |                        |                    |
| 53               | 2A            | *                 | D13-0688-08       | GEAR ASSY (SWITCHING)        |                        |                    |
| 54               | 3A            | *                 | D13-0689-08       | GEAR (TAKE UP)               |                        |                    |
| 55               | 2A            | *                 | D13-0690-08       | GEAR (TAKE UP)               |                        |                    |
| 56               | 2A            | *                 | D13-0691-08       | GEAR (IDLE)                  |                        |                    |
| 57               | 2A            | *                 | D13-0692-08       | GEAR (IDLE)                  |                        |                    |
| 58               | 2B            | *                 | D13-0693-08       | GEAR (IDLE)                  |                        |                    |
| 59               | 3A            | *                 | D13-0694-08       | GEAR (SWITCHING)             |                        |                    |
| 64               | 1A            | *                 | D14-0272-08       | PINCH ROLLER (R)             |                        |                    |
| 65               | 1B            | *                 | D14-0273-08       | PINCH ROLLER (F)             |                        |                    |
| 66               | 2B            | *                 | D14-0274-08       | ROLLER (HEAD PLATE)          |                        |                    |
| 67               | 2B            | *                 | D15-0275-08       | PULLEY (IDLE)                |                        |                    |
| 68               | 3B            | *                 | D16-0183-08       | BELT                         |                        |                    |
| 70               | 2B            | *                 | E31-4738-08       | WIRE (HEAD)                  |                        |                    |
| 74               | 2A            | *                 | G01-2217-08       | TENSION SPRING               |                        |                    |
| 75               | 1B            | *                 | G01-2212-08       | TENSION SPRING               |                        |                    |
| 76               | 2A            | *                 | G01-2213-08       | TENSION SPRING               |                        |                    |
| 77               | 1B            | *                 | G01-2214-08       | TENSION SPRING               |                        |                    |
| 78               | 3A            | *                 | G01-2215-08       | TENSION SPRING               |                        |                    |
| 79               | 2A            | *                 | G01-2216-08       | TENSION SPRING               |                        |                    |
| 81               | 2B            | *                 | G01-2221-08       | COMPRESSION SPRING           |                        |                    |
| 82               | 2B            | *                 | G01-2222-08       | TORSION SPRING               |                        |                    |
| 83               | 2B            | *                 | G01-2223-08       | TORSION SPRING               |                        |                    |
| 84               | 2B            | *                 | G01-2224-08       | TORSION SPRING               |                        |                    |
| 85               | 1A            | *                 | G01-2225-08       | TORSION SPRING               |                        |                    |
| 86               | 1B            | *                 | G01-2226-08       | TENSION SPRING               |                        |                    |
| 87               | 2A            | *                 | G01-2227-08       | TENSION SPRING               |                        |                    |
| 88               | 2A            | *                 | G01-2218-08       | TENSION SPRING               |                        |                    |
| 89               | 2A            | *                 | G01-2219-08       | TENSION SPRING               |                        |                    |
| 94               | 3B            | *                 | G01-2220-08       | TENSION SPRING               |                        |                    |
| 97               | 3A            | *                 | G02-0472-08       | FLAT SPRING                  |                        |                    |
| 98               | 2A            | *                 | G02-0473-08       | FLAT SPRING                  |                        |                    |
| 99               | 1A            | *                 | G09-0093-08       | SPRING                       |                        |                    |
| 100              | 2B            | *                 | G09-0094-08       | SPRING                       |                        |                    |
| 101              | 2B            | *                 | G09-0095-08       | SPRING (PR)                  |                        |                    |
| 102              | 3A            | *                 | G10-0129-08       | FELT                         |                        |                    |
| 103              | 2A            | *                 | G10-0130-08       | FELT (FRICTION)              |                        |                    |
| 104              | 1A            | *                 | G11-1308-08       | CUSHION                      |                        |                    |
| 105              | 3A            | *                 | G16-0187-08       | SHEET                        |                        |                    |
| 110              | 1B            | *                 | J19-2989-18       | HOLDER (ACTION PLATE)        |                        |                    |
| 111              | 1A            | *                 | J19-2990-08       | HOLDER (CASSETTE CASE)       |                        |                    |
| 112              | 2B            | *                 | J19-2991-08       | BRACKET                      |                        |                    |
| 113              | 3A            | *                 | J21-5252-08       | MOUNTING HARDWARE (FLYWHEEL) |                        |                    |
| 114              | 2B            | *                 | J25-5896-08       | PRINTED WIRING BOARD (FPC)   |                        |                    |
| 114              | 2B            | *                 | J25-6035-08       | PRINTED WIRING BOARD (WIRE)  |                        |                    |
| 115              | 1A            | *                 | J25-5895-08       | PRINTED WIRING BOARD         |                        |                    |
| 116              | 3A            | *                 | J30-0246-08       | SPACER                       |                        |                    |
| 117              | 2B            | *                 | J90-0609-08       | TAPE GUIDE                   |                        |                    |
| 118              | 1A            | *                 | J90-0610-08       | CASSETTE GUIDE               |                        |                    |
| 123              | 1A            | *                 | N69-2519-08       | SCREW                        |                        |                    |
| 124              | 2A            | *                 | N09-1999-08       | SCREW (M2.6X3) MOTOR         |                        |                    |
| 125              | 2B            | *                 | N09-2000-08       | SCREW (M2.6X4.5)             |                        |                    |
| 126              | 2B            | *                 | N09-2501-08       | SCREW (M2X2)                 |                        |                    |
| 127              | 1A, 3A        | *                 | N09-2502-08       | SCREW (M2X3)                 |                        |                    |

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| 128              | 1A, 2B        | *                 | N09-2503-08       | SCREW (M2X3)             |                         |                    |
| 129              | 2B            | *                 | N09-2505-08       | SCREW                    |                         |                    |
| 130              | 2B            | *                 | N09-2506-08       | SCREW                    |                         |                    |
| 131              | 2B            | *                 | N09-2507-08       | SCREW                    |                         |                    |
| 132              | 2B            | *                 | N09-2508-08       | SCREW (M2X5)             |                         |                    |
| 133              | 2B            | *                 | N19-1133-08       | FLAT WASHER (Ø2.1)       |                         |                    |
| 137              | 2A, 3A        | *                 | N19-1134-08       | FLAT WASHER (Ø1.25)      |                         |                    |
| 138              | 1B            | *                 | N19-1135-08       | FLAT WASHER (Ø2.1)       |                         |                    |
| 139              | 1B            | *                 | N19-1136-08       | FLAT WASHER (Ø3.1)       |                         |                    |
| 140              | 1B            | *                 | N19-1137-08       | FLAT WASHER (Ø1.7)       |                         |                    |
| 141              | 3A            | *                 | N19-1138-08       | FLAT WASHER              |                         |                    |
| 142              | 2B, 3B        | *                 | N19-1144-08       | FLAT WASHER (Ø2.1)       |                         |                    |
| 143              | 1B, 2B        | *                 | N19-1145-08       | FLAT WASHER (Ø1.9)       |                         |                    |
| S1, 2            | 1A, 2B        | *                 | N31-3007-08       | SLIDE SWITCH             |                         |                    |
| S3               | 2B            | *                 | S46-1112-08       | LEAF SWITCH              |                         |                    |
| 150              | 2B            | *                 | T31-0048-08       | PLAYBACK HEAD (FLEXIBLE) |                         |                    |
| 150              | 2B            | *                 | T31-0053-08       | PLAYBACK HEAD (WIRE)     |                         |                    |
| 152              | 2B            | *                 | T94-0207-08       | SOLENOID COIL            |                         |                    |
| M1               | 2A            | *                 | T42-0472-08       | MOTOR ASSY               |                         |                    |

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## SPECIFICATIONS

### FM Tuner Section

|                                    |                     |
|------------------------------------|---------------------|
| Frequency Range                    | 87.5 ~ 108.0 MHz    |
| Usable Sensitivity (DIN)           | 1.6 $\mu$ V/75 ohms |
| Stereo Sensitivity (S/N = 46 dB)   | 2.8 $\mu$ V/75 ohms |
| Frequency Response ( $\pm 4.5$ dB) | 30 ~ 15,000 Hz      |
| Signal to Noise Ratio (IEC-A)      | 68 dB               |
| Selectivity (DIN)                  | 65 dB               |
| Stereo Separation (1 kHz)          | 40 dB               |
| 19 kHz Carrier Leakage             | 50 dB               |

### MW Tuner Section

|                       |                 |
|-----------------------|-----------------|
| MW Frequency Range    | 531 ~ 1,611 kHz |
| MW Usable Sensitivity | 30 $\mu$ V      |

### LW Tuner Section (KRC-363L only)

|                       |               |
|-----------------------|---------------|
| LW Frequency Range    | 153 ~ 281 kHz |
| LW Usable Sensitivity | 60 $\mu$ V    |

### Cassette Deck Section

|                                  |                               |
|----------------------------------|-------------------------------|
| Tape Speed                       | 4.76 cm/s                     |
| Wow and Flutter (WRMS)           | 0.12%                         |
| (DIN)                            | 0.2% (W-PEAK)                 |
| Fast Winding Time (C-60)         | 110 sec                       |
| Frequency Response (120 $\mu$ s) | 40 Hz ~ 14 kHz (+4 dB, -6 dB) |
| (70 $\mu$ s)                     | 40 Hz ~ 16 kHz (+4 dB, -6 dB) |
| Stereo Separation (1 kHz)        | 37 dB                         |
| Signal to Noise Ratio (IEC-A)    | 52 dB                         |

### Audio Section

|                                             |                                    |
|---------------------------------------------|------------------------------------|
| Maximum Output Power (1 kHz, 4 ohms)        | 8 W $\times$ 2 or 6.5 W $\times$ 4 |
| Rated Output Power (10% THD, 1 kHz, 4 ohms) | 6 W $\times$ 2                     |
| (1% THD, 1 kHz, 4 ohms)                     | 5 W $\times$ 2                     |

### General

|                                      |                                 |
|--------------------------------------|---------------------------------|
| Operating Voltage (GND)              | 14.4 V (11 ~ 16 V)              |
| Current Consumption                  | 2.7 A at Rated Power            |
| Dimensions (W $\times$ H $\times$ D) | 188 $\times$ 58 $\times$ 153 mm |
| Body Size (W $\times$ H $\times$ D)  | 180 $\times$ 50 $\times$ 135 mm |
| Weight                               | 1.5 kg                          |

#### Note :

Component and circuitry are subject to modification to insure best operation under differing local conditions. This manual is based on, the Europe (E) standard, and provides information on regional circuit modification through use of alternate schematic diagrams, and information on regional component variations through use of parts list.

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## PACKING

